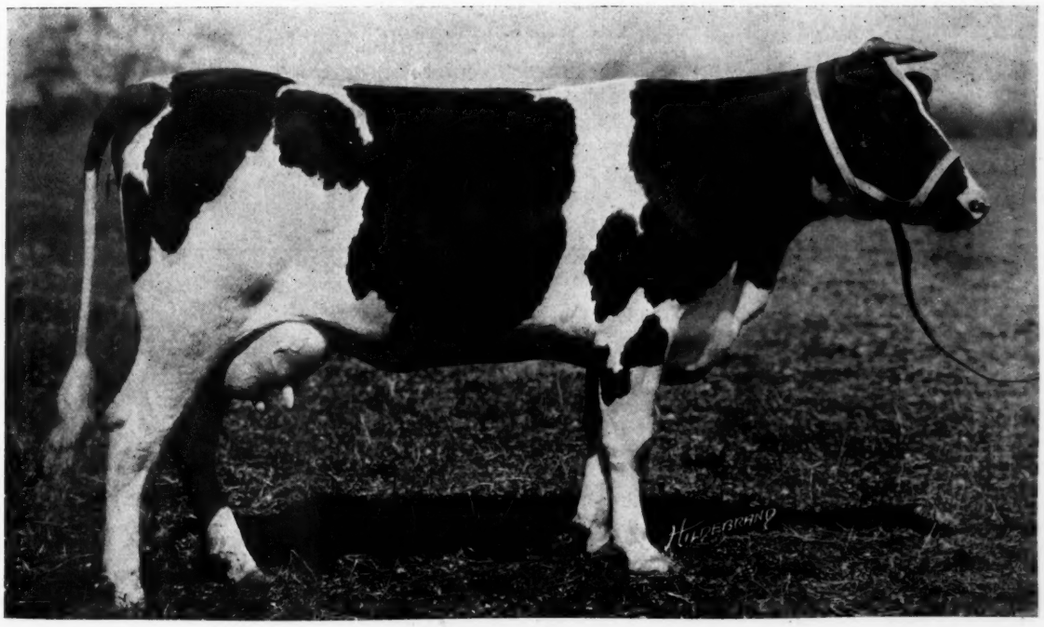
HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION SYRACUSE, N. Y. MAY 6, 1916



FAIRVIEW KORNDYKE PIETERTJE

Herd Sire, King Quality No. 88237

A sire whose value does not depend upon breeding only, as his daughters are making good and are demonstrating his great transmitting ability.

Five of his first eleven tested daughters have each made over 20 lbs. of butter in seven days as two-year-olds with first calf. Every one of the eleven has made a larger record than did her dam at the same age.

The high records which these daughters of King Quality are making are to his credit, and while he is being bred to a large number of high record cows, he has proven his ability to get great producing daughters from dams with average records.

The young bulls we are offering for sale are bred in lines which show results without having to be bred to 30-lb. cows. They are bulls which will help you to raise 30-lb. cows from your present herd.

We are offering

Another Opportunity

to secure a King Quality bull at our

Special Prices

Please mention this ad when writing.

Bonalevo Farms

R. E. Chapin & Son Box 302 Batavia, N. Y.

KING SEGIS PONTIAC ALCARTRA, 79602

Don't you think that you or your herd needs a stimulant? Don't you know that you will be doing something great for your neighbor breeders by placing a good bull at the head of your herd and letting them pay for him in service fees? Don't you know a good bull will make a proud and successful Holstein breeder out of you and your son?

Of course, you know a son of King Segis Pontiac Alcartra will do it all; these youngsters have made others proud and happy, why not you?

See what Mr. Mead has to say about his $5,000 boy:

Mr. John Arfmann,
Middletown, N. Y.
Dear Sir:

King arrived here safely and in good condition. He is really a better bull than I thought he was when I bought him, and the more I see of him the better I like him. It seems about impossible to satisfy his appetite, and that is one of the things that suits me to a T. Since he came he has filled up and today has as fine a barrel as anyone could ask for. He has had quite a good many callers since he landed here and everyone who looks him over pronounces him the best calf he ever saw, and as near perfect as one could be moulded to order.

Believe me, I am proud to show him and have to make no apologies for the gentleman; he is always on dress parade.

Had a request for his picture from the Holstein Register, and they advised me that they had also written you for one. Wish you would advise me just how you have been feeding him and how much, as I want to keep him growing just as you have, for showing him to visitors will be the best kind of an advertisement for you and myself.

Wishing you success with his sisters and his sire, I am

Respectfully yours,
ROBERT F. MEAD.

Your Turn Next Buy the best and breed them better, get a King and you come later. We have just a few more boys that will make you sit up and take notice, but only a few, so don't delay; write today to

JOHN, at FAIRMONT FARM Middletown, N. Y.

225 Head **HOLSTEINS** **225 Head**

Raised in open sheds insures health, vitality and constitution. We are breeders. All animals sound in health, and so guaranteed.

FOUNDATION HERD

Pontiacs, Ormsbys, Pietertjes, Hengerveld, De Kols and Johannas. Every female of milking age has an A. R. O. record; 90% above 20 lbs. up to 33.8 lbs.

Fifty-one cows (35 heifers under 5 years, 19 of them 2-year-olds) average 15,837.9 lbs. of milk and 674.8 lbs. of butter, semi-official test.

KORNDYKE SEGIS JOHANNA

Sire: Johanna McKinley Segis 40 lb., son of King Segis.
Dam: Pontiac Lady Korndyke 38.03; highest record daughter of Pontiac Korndyke.
Average 39 lbs.

KING PONTIAC CHAMPION

Sire of 37 A. R. O. daughters.
Sired by King of the Pontiacs.
Dam: Maid Mutual De Kol 31.3 lb., daughter of De Kol 2d Mutual Paul.

17 of his daughters with first calf (at an average age of 2 years 5 months 26 days) average 19.01 lbs. of butter.

Sire of Pabst Lulu Lady, 2 years 2 months 849 lbs. butter, 20,002.9 lbs. of milk; 8 others 2-year-olds from 555 to 675 lbs. butter.

MAPLECREST KING DE KOL

Sire: Friend Hengerveld De Kol Butter Boy, sire of Banostine Belle De Kol 1,322.92 lbs. butter in year; has three daughters above 1,200 and four above 1,000 lbs.

Dam: Maplecrest Pontiac Hartog, 20-lb. junior two-year-old. Full sister to Maplecrest Pontiac Flora Hartog 30 lbs. in seven days, 1,232.63 in one year. Daughter of Pontiac Aaggie Korndyke, twelve 30-lb. daughters. Dam's dam Highlawn Hartog De Kol 30 lbs., 1,247.92 lbs. in one year.

Bull Calves, all from high seven-day and yearly record cows, for sale.

PABST STOCK FARM

Oconomowoc Waukesha County Wisconsin

Either One of These is

A Big Bargain

I have made exceptionally low prices on these two bulls. Some one, or rather "some two" are going to get real high-class sires at a rock bottom price.

Take Your Pick—Then Write Quick

Bull born June 15th, 1915. Sire, Spring Farm King Pontiac, the best producing son of King of the Pontiacs, his dam being Tweede White Lady, who has a 7-day record of 37.45 lbs. butter. The young bull's dam is a well-bred cow with a 4-year-old record of 26.86. His two nearest dams average over 32 lbs. and four nearest dams average 29.68 lbs. He is three-fourths white and as straight as they make 'em. He is a bargain at $400.00.

Bull born January, 1915, sired by Spring Farm King Pontiac from a dam with 25.40 lbs. butter in 7 days from 510.5 lbs. milk. He is nicely marked and well grown. You win when you get him for $300.00.

Leon More - - - - Lacona, N. Y.

King Segis Pontiac Alcartra

NUMBER 79602 : : : : : : : : : : : THE $50,000 SIRE

He is the only bull of any breed that has had three sons sell in Public Auction for $10,000 or more each and his sire is the only other bull to have two sons sell at Public Auction for $10,000 or more each and King himself was one of these.

WHY IS THIS A FACT?

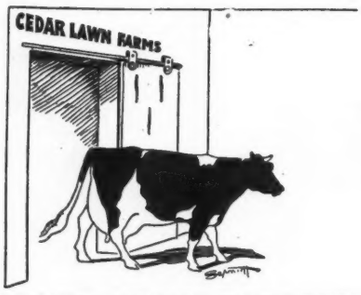
Because of his **Superb Breeding, Faultless Individuality, Unapproached Opportunity, Remarkable Offspring.**

All of last season's calves are sold; however, some of our high record cows are now freshening to King Segis Pontiac Alcartra. If you want a son of the King, now is the time to get him, for they all go young.

Correspondence solicited. Visitors welcome.

LAWSON HOLDING COMPANY

LA GRANGEVILLE **NEW YORK**



JOHANNA DE KOL VAN BEERS

CEDAR LAWN FARMS

A half brother to Johanna De Kol Van Beers, out of a 17.5-lb. jr. 2-yr.-old daughter of Sir Johanna De Kol 19th, who is full brother to Cedar Lawn De Kol Johanna, 25.8 lbs. in 7 days and 707 lbs. in 1 year at 2 years, 2 mos. Also the Cedar Lawn Beauty, 24.5 lbs. in 7 days at two and one-half years.

This bull was born July 14th, 1914. A good individual, one-half white, and constituting a rare opportunity of getting a herd sire of recognized breeding.

C. A. SCHROEDER & SONS

West Bend, Wis.

KING KORNDYKE PONTIAC LASS

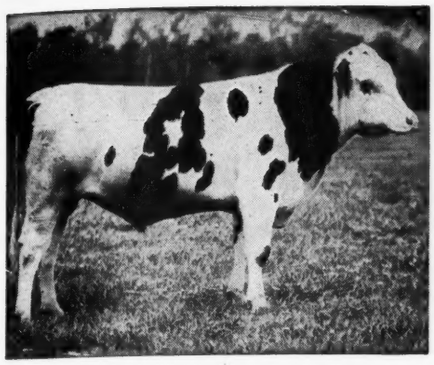
The $10,000 Son of K. P. Pontiac Lass

the only 44-lb. cow from a 34-lb. dam, is now at the head of the

IOWA BELL HERD OF HOLSTEIN-FRIESIANS

If you want a herd sire with unparalleled breeding, send your high record cows to this bull. Here is the greatest opportunity ever put before Corn Belt breeders.
Write me for particulars.

C. S. MULKS **Riceville, Iowa**

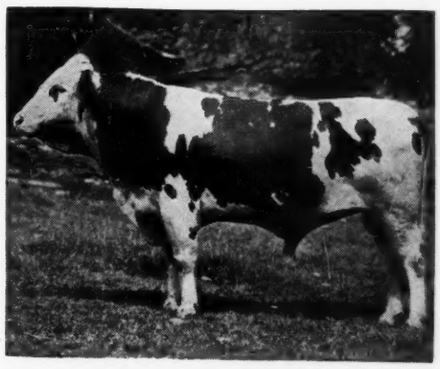


King Korndyke Wayne Veeman 109336

Joint Owners

E. E. Risley
Hill Pine Farms
Walton, N. Y.

Mrs. W. L. Terry
Locust Grove Farm
Walton, N. Y.



King Pontiac Pleione 72852

WE LIKE THIS COMBINATION

Our senior sire, **King Pontiac Pleione,** has 125 living daughters, and more coming. His list of 14 official record daughters includes 3 two-year-olds with records of 22 to 23.67 lb., another two-year-old above 20 lb., and a 27-lb. three-year-old. He is a son of King of the Pontiacs (159 A. R. O. daughters—10 above 30 lb.), and Pontiac Pleione, the greatest producing daughter of Hengerveld De Kol, as well as one of his best daughters individually.

On the daughters of King Pontiac Pleione we are using **King Korndyke Wayne Veeman 109336,** who was by King Korndyke Sadie Vale and from a 30.9-lb. four-year-old daughter of Sir Veeman Hengerveld (7 30-lb. daughters, and more above 29 lb. than any other living sire). King Korndyke Sadie Vale is the only bull having a 41-lb. dam and a 40-lb. sister. His three nearest dams and a daughter each of his sire and dam average about 37.5 lb.—an unapproached showing. His first four daughters, all being jr. two-year-olds, average 24.27 lb. butter in 7 days, another unapproached showing.

Is it wrong to figure that this combination will get results? The youngsters certainly look the part.

None of the daughters of the above bulls will be disposed of by their owners until they have been officially tested.

SERVICE FEES FOR APPROVED COWS TO INSURE LIVE CALF $50.00

Finderne Stock Farms

Finderne, N. J.

BULLS IN SERVICE

Finderne Pride Fayne, his sire King Hengerveld Aaggie Fayne, with 2 daughters above 37 lb., 3 daughters above 36 lb., 5 daughters above 35 lb., and 8 daughters above 30 lb., average of the 8 is 34.98 lb., and his dam, Finderne Pride Johanna Rue, the World's Champion cow, is 5 years old, butter in one year 1470.95 lb., milk 28,403.70, average fat 4.17, 11 mos. after calving, butter 36.03 lb., milk 602.40 lb., average fat 4.97, world's record, 30 days 11 mos. after calving, butter 147.05 lb., milk 2437.30 lb., world's record.

King Pontiac Segis Korndyke, 9 of his first daughters all junior 2-year-olds, average above 20 lb. butter.

King Valdessa, the highest butter fat bull in the World for 7 and 30 days, the average for his dam and sire's dam for 7 days is 43.05 and for 30 days 167.91 lb.

Bernhard Meyer :-: Finderne, N. J.

Get Yearly Record Backing

Build for the future and the best interests of the breed.
We can offer you more high yearly record backing than any other firm in the world.

Our herd sires are sons of

Riverside Sadie De Kol Burke, world champion milk producer for 7 and 30 days, 6 mo. and two years.

Aralia De Kol, the first cow to produce 28,000 lb. milk in a year, and the World's Champion 12-year-old.

Tilly Alcartra, the most wonderful milk machine in the World. The World's Champion milk producer over all ages for one year and 3 years. The two nearest dams of this young bull hold every world's record from 7 days to 3 years.

We bred every one of these three sires.

We can offer a large number of young bulls sired by them, from dams with extraordinary year's records. **At our prices** you could well afford to ship one of these youngsters even across the continent. We guarantee satisfaction.

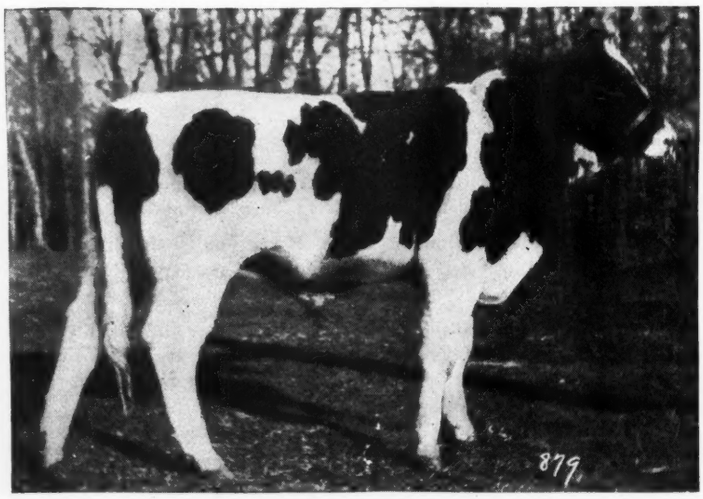
Write us your wants.

A. W. MORRIS & SONS CORP. Woodland Cal.

World's Champion Bull

We have recently purchased from John B. Irwin a half interest in

Sir Ormsby Banostine Champion 166276



Son of the world's record cow for all ages and breeds. **Duchess Skylark Ormsby 124514,** 1,506.36 lbs. butter and 27,761.07 lbs. milk in one year. He will be bred to daughters of **Colantha Johanna Champion 45674,** son of Colantha 4th's Johanna, 1,247.82 lbs. of butter in one year, from our big yearly record cows.

This is the place to find bull calves with large yearly record backing.

Send for Our New Bull Catalog

Emblagaard Dairy, Marquette National Building, **Marquette, Mich.**

Holstein-Friesian World

VOL. XIII SYRACUSE, N. Y., MAY 6, 1916 NO. 19

HOLSTEINALITIES

A STUDY OF HOLSTEIN PERSONALITIES MINUS THE LATTER

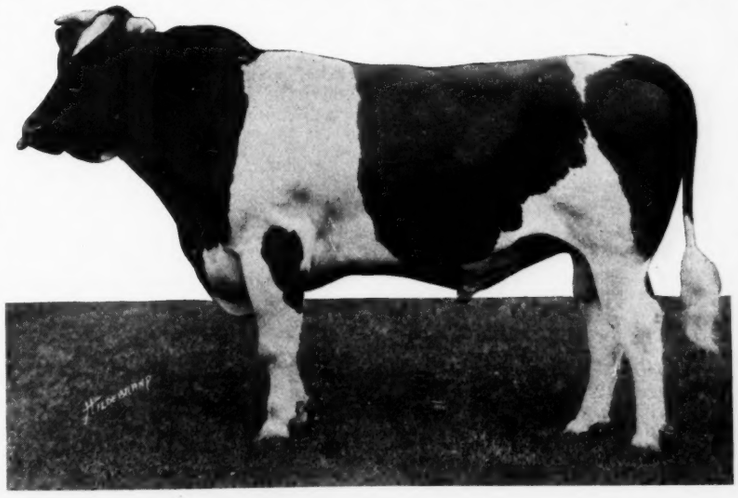
I. Rag Apple Korndyke 8th

By F. T. PRICE

THERE should be no scepticism regarding the values of the leading individuals of the Holstein breed. Those who have given the subject study and attention realize that in most cases $10,000, $20,000, $25,000, $50,000, and even higher figures represent real values, because the animals bearing such price tags have an earning capacity far in excess of the figures given as representing their value.

It will be the main purpose of this series of articles to depict some of the aristocracy of the breed and to study some of the great producers as individuals. A minor purpose will be to portray if possible, some reasons why some of our celebrated champions and famous sires can command the prices that they do.

One of the coming celebrities in Holstein land is the subject of this sketch. Rag Apple Korndyke 8th is "the greatest bull in the world" according to the statements of his owner, but as this article deals with Holsteins minus the personality, injustice to our subject, we leave the owner's estimate out of consideration.



RAG APPLE KORNDYKE 8TH

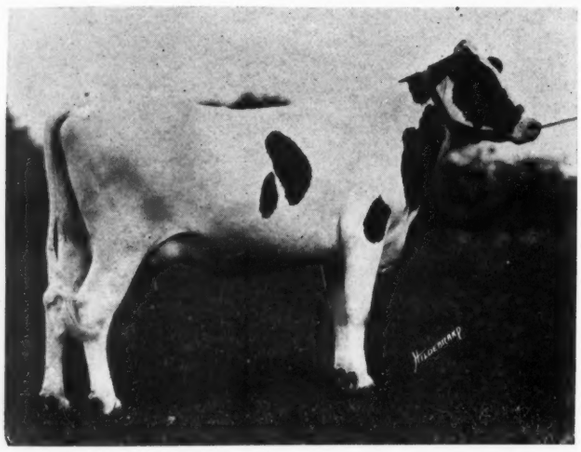
Born under a favorable horoscope, Rag Apple Korndyke 8th came into the world literally tagged with the purple of royalty. His connection with one of the greatest families the history of the Holstein-Friesian has known, gained him immediate attention and a study of his pedigree is most interesting. Although not a son of Pontiac Korndyke this bull is a most intensely bred Korndyke sire. His breeder and former owner, the late E. H. Dollar, said of him:—"He is the strongest bred Korndyke, bull in the world. His dam, Pontiac Lady Korndyke, held the world's record for both seven and thirty days in 1912 with a production of 38.03 pounds in seven days and 156.92 pounds in thirty days. He carries 75% of the blood of the greatest of all sires, Pontiac Korndyke and traces through four direct crosses to him. This, I believe, will make him productive of Korndyke characteristics with more certainty than Pontiac Korndyke himself."

A recent article in Mr. Colby's western edition of the World gave a resume of the opinions of a number of college men and practical breeders as to their preference with respect to the upper or lower half of a pedigree. Opinion was about equally divided, which decision just suits Rag Apple Korndyke 8th. We may take either half of his pedigree and with equal success trace his claim to royal blood. He comes of world's record blood on both sides, the very best that Pontiac Korndyke has produced. His dam, Pontiac Lady Korndyke, 38.03 is Pontiac Korndyke's highest record daughter, former world's champion for seven and thirty days and the breed's first 38 pound cow. Her dam, Lady Korndyke Pauline De Kol, is also a daughter of Pontiac Korndyke and she made, at four years of age, a record of 29.14, a figure that in her day was considered quite remarkable. She was the dam of three A. R. O. cows, their records averaging but slightly under 30 pounds, including Pontiac Lady Korndyke, which made her one of the greatest producing dams.

Rag Apple Korndyke 8th's sire was Rag Apple Korndyke, already the sire of a 37 pound daughter, and a son of Pontiac Korndyke out of the justly famous Pontiac Rag Apple, one of Pontiac Korndyke's very best daughters, having been champion of the world in the eight months division and being the dam of a 33 pound cow. Rag Apple Korndyke heads the Jenningshurst Stock Farm herd at Towanda, Pa. For him, Mr. Jennings paid $5,000.00, an exceptional figure at the time of the sale. Pontiac Rag Apple at 4 1-2 years of age made a seven day record of 31.62 and a thirty day record of 126.50, world's records at the time. Her breeding, record and exceptional individuality, caused Mr. Field to pay $8,000.00 for this cow, at the time the highest price a cow had ever sold for. She was expected in subsequent tests to exceed all world's records, and undoubtedly would have done so but for the fact that in drying her off, Pontiac Rag Apple losta quarter, which ruined her chances for another world's record. She was a magnificent cow, nevertheless.

His pedigree gives Rag Apple Korndyke 8th four traces to Pontiac Korndyke in three generations. His three nearest dams, all great daughters of Pontiac Korndyke, average 32.93. His two nearest dams average 34.83 and both were world's champions in their time. His paternal grand dam, Pontiac Rag Apple as before stated had a 33-lb daughter that is a full sister to Pontiac Clothilde De Kol 2nd, 37.21, holder of world's record for seven and thirty days and the first cow of the breed to make over 1200 pounds of butter for one year. We might add that she is also the first cow of the breed to make three consecutive records, each above 30 pounds.

Could anything be added to this array of breeding that would give the pedigree of Rag Apple Korndyke 8th more value? If



FAIRVIEW PONTIAC RAG APPLE
One of Rag Apple Korndyke 8th's first 20-lb. daughters

so, we have been unable to find it. His breeding is the first exhibit in an effort to prove that $25,000.00 was not an exceptional price for his present owner to pay for this royally bred sire.

After breeding comes individuality and here again our subject is of unassailable excellence. Rag Apple Korndyke 8th has practically every desirable characteristic that a truly great bull should have, and it requires some study to fault him. His size is about ideal as he weighs about 2350 pounds. His body is long, but not too long. He has a well sprung barrel, sturdy clean legs and stands straight from tip to tail — a show bull in every respect. His crest is well arched; his neck and head lack none of the characteristics of accepted ldeas on the show card for sires and show the fine dairy conformation that stamps his ancestors at once as being of a highly productive type, and him as able to transmit their qualities with accuracy and certainty to his offspring.

In the minor characteristics, Rag Apple Korndyke 8th shows no lack of individuality, having a mellow skin, good markings and well placed and fully developed rudimentaries. A feature of his individuality is his docility, as this bull at six years of age has not yet known the necessity of a leading staff, being led about with a small chain. This bundle we mark as exhibit No. 2, partially proving Rag Apple Korndyke 8th's right to the $25,000.00 price tag.

A bull may have breeding and he may have individuality but unless he is able to transmit the qualities emphasized in his breeding and evidenced in his individuality, he is not going to be a very desirable herd sire. Rag Apple Korndyke 8th is able to produce the goods, as the records already made by his daughters show us.

Other herd sires of prominence can boast four, five, six and seven 2 year old daughters with records averaging 22, 24 and 25 pounds. Rag Apple Korndyke 8th's four daughters averaged 20.93, despite the fact that they were bred to freshen at an inopportune time, coming in in hot weather and all but one from small record dams. But his claim to fame is based upon a really remarkable achievement. He is the sire of the only 30 pound junior 2 year old in the world. The record of Fairview Korndyke Fietertje made at the age of 2 years and 22 days, has just been announced as 30.18. This record, with others, brings the average of the first nine daughters, six two year olds and two yearlings, to 20.30 pounds, at the average age of 25 months, and gives him a record in this respect that has never been equalled at that age.

His sons and daughters are remarkable in individuality as well as breeding and the prices they command at public and private sale give evidence of this fact. His 31 daughters, including heifers and yearlings, brought $17,930.00, or an average of $578.38 at the Dollar Sale, despite their unknown quality, as nine were old enough to be in milk when sold. His 52 sons brought $28,830.00, or an average of $554.51.

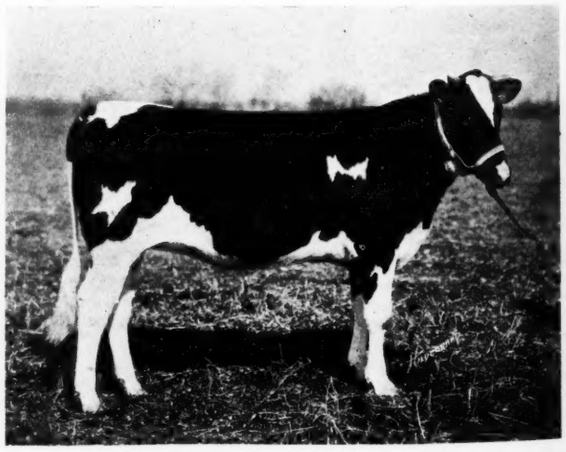
One of his sons, from a 29 pound cow, sold for $3,600.00, another brought $2,000.00, while a daughter from a 30 pound cow commanded $2,000.00 at this same sale. Another daughter, about a year old, Fairview Korndyke Pietertje, brought $1,300.00, despite the fact that she was from a 23 pound dam. She has since proven her worth by the remarkable world records announced above. Fairview Pontiac Korndyke 2d, one of his daughters from an untested dam, brought $1,200.00, and Fairview Pontiac Rag Apple, from a 16 pound dam, sold for $1,100.00 at the Dollar Sale.

The ten highest daughters of Pontiac Korndyke sold at the Dollar Sale, commanded an average of $2,445.50. The ten highest daughters of King of the Pontiacs, his nearest rival and his son, have brought at public sale an average of $970.00 less. The ten highest offspring of Rag Apple Korndyke 8th at the Dollar Sale commanded, an average of $1,550.50, which is the third highest average for that number of animals of any sire at public sale, and a world's record, all conditions being considered. All of which speaks strongly regarding public opinion concerning the value of the offspring of Rag Apple Korndyke 8th, even before any of his daughters had freshened.

Consider, if you will, that the above prices were obtained when Holstein sales were on the down grade, it being the time of the Foot and Mouth outbreak when cattle could not be shipped out of the State and when most breeders were doubtful about the wisdom of investing in such high priced cattle, due to that dangerous epidemic. Consider, if you will, that nearly all of these animals sold were from untested dams or from dams with small records. Consider also that these animals were all thrown upon the market and disposed of within the space of two days. Consider all these facts and figures carefully and then tell Rag Apple Korndyke 8th's owner, if you will, that he had paid too much for his treasured herd sire. Better still, go to pine Grove Farms and try to take away one of his offsprings now. Perhaps that will be the most convincing argument of all, that this bull is worth his cost and maybe a little more.

If you wish, we can reduce the estimate of Rag Apple Korndyke 8th's value to purely financial basis, using the figures at hand. At five years of age, he produced 83 offspring that sold for $46,760.00 before a single one of his daughters had freshened. Using the production figures of other sires in large herds as a basis, we can estimate that this bull will produce in another five years ten times as many calves as he has produced, or in round numbers, over 800 offspring, worth at the same relative price—$450,000.00. Charge one-half of this back to the dams of the offspring and credit Rag Apple Korndyke 8th with a production of $225,000.00 from his fifth to his tenth year, or during the interval in which $25,000.00 has been invested in him. This investment at 10 per cent, compounded annually, amounts to $40,262.75. Consider that at ten years of age Rag Apple Korndyke 8th quits this earth. He will have produced during the second five years of his life $225,000.00 worth of offspring and will have cost $40,262.75. Thus, even at our very conservative figures, he will leave a bank account of $184,737.25 for his owner, over and above the principle and interest at 10 per cent on the investment. We do not, in the above estimates, take into consideration the cost of his care, which in figures of this size is a negligible item. Nor do we consider the fact that he is being used on two 40 pound cows, two 37 pound cows, two 35 pound cows and upon a great, magnificent herd of 200 head of females that has 36 cows that average over 30 pounds each. We do not consider the fact that the value of his offspring will increase as the A. R. O. list climbs upward and the sons of this bull and these great cows go forth to make good. We mark these statistics Exhibit No. 3, proving that Rag Apple Korndyke 8th's valuation of $25,000.00 is no false estimate, as Holstein values go.

In other words, Rag Apple Korndyke 8th proves up to the estimate of his owner, who sat in the sales ring at the Dollar Dispersion on January 5th, 1915 and paid $25,000.00 hard cash for

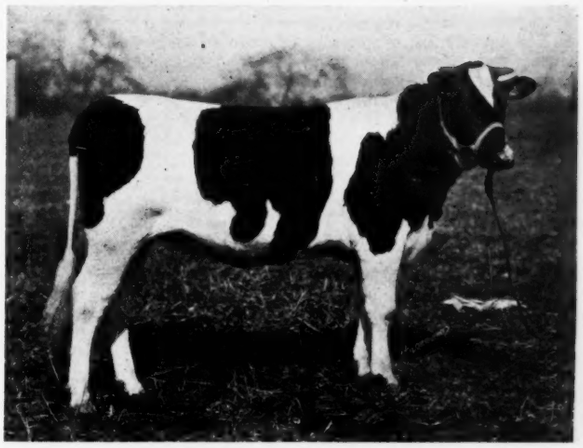


RAG APPLE LADY CONCORDIA
A yearling daughter of Rag Apple Korndyke 8th and Lady Concordia De Kol 35.08

him. This bull and his owner are able, in a very substantial way to refute the statements of those, who at that time surmised more or less publicly that Rag Apple Korndyke 8th was costing Mr. Cabana more than he was worth. They would have stable room for him now..

Consider as to breeding, individuality, ability to transmit desirable qualities and ability to command top prices, Rag Apple Korndyke 8th and his offspring stand today very high in the annals of the Holstein-Friesian breed. We have seen that he is able to transmit this breeding and individuality attained from his crosses to the great Pontiac Korndyke, through his remarkable daughters, to his offspring. The dams of those offspring that have freshened although at full age, average much lower than the records of the two year old daughters of this bull. What does this speak for the ability of Rag Apple Korndyke 8th as a transmitting sire?

We cannot conjecture what will happen when the daughters of this bull from some of the famous members of Pine Grove herd come to producing age. Imagine a daughter of Ormsby Jane Segis Aaggie, 44.42; Lady Pontiac Johanna, 41.81; Pontiac Pet, 37.68; Diona Koningen Pietertje, 37.44; Lady Concordia De Kol, 35.08; Segis Fayne Johanna, 35.30, from this bull. If, in proportion, Rag Apple Korndyke 8th increases the records of the daughters of these cows as he has increased the records of his first daughters to freshen over those of their dams, the limit of production for the pure bred Holstein-Friesian, will have to be set some few notches higher than it now rests.



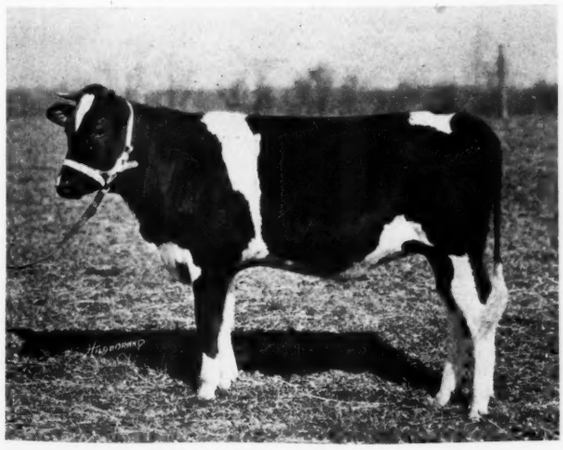
RAG APPLE 8th's DIONA QUEEN
A yearling daughter of Rag Apple Korndyke 8th and Diona Koningen Pietertje 37.44

Progress in California

By HAROLD McALISTER, Chino, Cal.

Southern California has been coming to the front in the last year and several of the largest records ever made in the West have been reported in the last few months here in the south. Eva Riverside of Tuolumne a senior two year old heifer has just broken the California State record for a two year old for seven days. She made 25.5 lbs. of butter in a week exceeding the former state record of Nutula Queen Alcarta 3d of 24.46 lbs. by over a pound of butter. Another of Mr. Rhodes cows, Christeria Overton Mechthilde 4th a daughter of Sir Skylark Ormsby Hengerveld who is a son of Sir Ormsby Hengerveld De Kol made 31.4 lbs. of butter in seven days. A half sister to this cow by the same sire owned by A. J. Stalder of Riverside Cal. has just made over 30 lbs. in seven days also.

There are at present two cows in California who promise to produce 30,000 lbs of milk in a year. One of them is Mosetta Mutual Paul Johanna who has been averaging close to 100 lbs. of milk a day for four months after calving. She made 2,201.4 lbs. of milk and 94.83 lbs. butter in 26 days in December and 2,719.2 lbs. milk and 110.53 lbs. butter in January. In February she produced 2,644.6 lbs. milk and her production ran close to 3,000 lbs. of milk for March giving as high as 103 lbs. milk in one day. She is owned by Mrs. Anita M. Baldwin of the Santa Anita ranch and she was bred by I. B. Van Blaricon, El Monte. She is a granddaughter of Woodcrest Pietje Nig who is the sire of Sadie Vale Concordia 4th Pietje the only 38 cow lb. of the breed to have a 40 lb. dam. Individually she is one of the most perfect type of dairy cows I have ever seen and her great persistency is shown in the fact that she has steadily gained every month in test.



SUPERBA PONTIAC PET
A yearling daughter of Rag Apple Korndyke 8th and Pontiac Pet 37.68

Winnie Korndyke Cornucopia De Kol a cow owned by J. S. Gibson Co., Williams, Cal. and whose seven day record of 789.1 milk and thirty day record of 3217 lbs. milk has been previously reported has been continued on yearly test and has just completed a record of 10.097 lbs. milk in 100 days. She calved in very poor condition making only 28.73 lbs. of butter in seven days thus having one of the lowest tests ever reported for a Holstein cow considering the enormous amount of milk she gave. Her record again confirms the title of her sire, Aaggie Cornucopia Johanna Lad who has the distinction of being "the greatest sire of milk producers for seven days of the breed." A granddaughter of this sire, Lutche Vale Cornucopia also produced over 10,000 lbs. of milk in 100 days thus making Aaggie Cornucopia Johanna Lad the only sire to have both a daughter and granddaughter to average over 100 lbs. milk per day for 100 days. Lutche Vale Cornucopia made 18,006 lbs. milk in 180 days being the only cow outside of Riverside Sadie De Kol Burke to ever make this amount of milk in six months. In 270 days she has given 24,625.9 lbs. milk and at the rate she is going she should finish second only to Tilly Alcarta for the year. She is owned by Wm. Bishop of Chimacum, Wash.

Two of the daughters of De Kol Hengerveld Burke that were sold last fall at the Sacremento sale to A. W. Morris & Son of Woodland, Cal. have freshened and have made very creditable records. The two, Merci Netherland Burke De Kol and Merci Pauline Burke De Kol made 19.65 lbs. and 19.63 lbs. butter respectively both being within a few days of the same age and both calving within the same week.

One of the coming young sires of the West is Dutchland Sir Korndyke Colantha who is owned by James McGillvray of Sacremento, California. His first seven daughters have just freshened and three of them have made over 20 lbs. of butter as two year olds, the seven averaging over 18 lbs. of butter in seven days from 423 lbs. of milk. This is one of the highest averages ever reported for the first seven daughters of any sire and it serves to place him in the front ranks of the younger generation of A. R. O. sires.

His first seven daughters have made the following records:

		Milk	Butter
Oleta Colantha Korndyke		480.2	20.78
	30 days	1964	80.85
Jessie Clay Korndyke		448.1	20.47
	30 days	2043	83.57
Fairy Princess Colantha		416	20.04
	30 days	1726	74.57
Dora Clay Korndyke		391.5	17.44
	30 days	1625.7	69.22
Hazel Korndyke Colantha		385.9	17.38
	30 days	1583.1	64.19

Carlotta Colantha Johanna		387.4	17.16
	30 days	1725	65.23
Katherine Beauty Korndyke		376.2	13.04

The large milk production of each of these heifers for both seven and thirty days is especially noticeable; the entire lot averaging over 60 lbs. of milk per day for a week and two giving close to 70 lbs. of milk per day. The sire of Dutchland, Sir Korndyke Colantha is Dutchland Sir Rag Apple who is a full brother to Pontiac Clothilde De Kol 2d the first cow to make over 37 lbs. butter in seven days or over 1000 lbs. fat in a year and she is a granddam of five 30 lb. cows including the world's champion junior four year old heifer, Mable Segis Korndyke. Dutchland Sir Pontiac Rag Apple is the sire of 19 A. R. .O cows, thirteen of whom have records of over 20 lbs. of butter.

The dam of Dutchland Sir Korndyke Colantha is Dutchland Colantha Mona who has a five year old record of 24.07 lbs. of butter from 657 lbs. of milk in seven days. She also held the world's milk record for a junior three year old for a year in her class by making 22,645 lbs of milk and 750.48 lbs of butter in 365 days. She is a daughter of Colantha Johanna Lad who has seven 30 lb. daughters and who has a higher percentage of daughters to make over 25 lbs. of butter than any other sire with over 100 A. R. O. daughters.

McAlister & Sons report the sale of their former junior herd sire, Tilly Alcarta Son to J. M. Scheiber of Calexico, Cal. They write as follows: His dam, Tilly Alcarta is now the champion long distance cow of the world having made in four successive lactation periods a total of 96,536.4 lbs. milk and 3776.88 lbs. butter freshening as a senior two year old, a junior three year old, a four year old and a six year old. In her last yearly record ending March 23, 1916 she made 29,826.6 lbs. milk and 1,190.43 lbs. butter carrying a calf over seven months of the time which is an unequalled record for a cow making as much butter in a year. She was carried on strictly official test during eight months of the year which makes her record one of the most closely supervised ever made. Her record of 30,451.4 lbs. milk and 1,189.03 lbs. butter the year before is the world's milk record for 365 days which also makes her the only cow in the world regardless of breed to make over 60,000 lbs. of milk in two successive years or to make over 950 lbs. of fat in two different lactation periods. Her best short time records are 783.7 lbs. butter in seven days and 3,201.8 lbs. milk and 126.71 lbs. butter in thirty days. She also held the world's record for milk as a junior three year old making 21,421.3 lbs. milk and 841.22 lbs. butter in a year.

Tilly Alcarta Son individually is a very handsome bull posessing good length and depth and a hide of the finest handling qualities. His calves were all large and robust at birth and would be hard to equal anywhere. It was only because we purchased the great King Segis De Kol Korndyke the only 37 lb. sire in the world to have four 30 lb. daughters or a 40 lb. four year old that we would sell Tilly Alcarta Son at any price and it is to be expected that he will make good in the hands of his new owners.

Feeding Dairy Cattle

By PROF. E. S. SAVAGE

V. Raising Calves on Whole and Skimmed Milk

THE raising of dairy young stock is a very important problem for our farmers. The feeding management of stock is fully as important as the breeding although we are likely to say that breeding is more important. It is in this sense, the animal must have the quality if it is going to do the work in the world that is expected of it. First, after being well born, comes the necessity of being well fed as a calf. This will be the subject of this and the next paper. This paper will consider the growing of young calves on milk.

There are three possible ways of growing calves on milk.

1. The use of nurse cows, good producers but of grade breediing.
2. The growing of the calf on whole milk.
3. The growing of the calf on skimmed milk.

These youngsters show the care necessary to success in raising young stock.

The growing of calves by means of a nurse cow does not need any particular explanation. A good cow costing $50 to $75 should be able to care easily for two calves and grow them in the very best possible condition. This method lends itself to practice in those places where there is abundant pasture on cheap land and it goes without saying that this method would produce the very best calves. But as is shown in a table a little farther on, this is of course a very expensive method.

The second method is also expensive but is the method used by the breeders who are growing the best stock. This method means the feeding of the calf on whole milk after two or three days while he is left with his mother. This method is also expensive but there is a bloom and finish put on the calf that cannot be obtained in any other way. The best breeders are not content with feeding in any other manner. The details will not be discussed because all details are practically the same as when feeding skimmilk. This method of feeding is the one on which by far the majority of breeders must depend and it will be discussed in detail. It seems best to take up the discussion by weeks in order to be definite.

The First Two Weeks—After the calf is born he should be left with his mother for two or three days. Perhaps until the eighth milking. The writer has always considered the eighth milking "good" to save for home or market purposes. The milk of the first six or seven milkings is called colustrum. This is necessary to the health of the calf because it is laxative and has a good effect on the digestive system. It has always seemed to the writer that the best way for the calf to get the colustrum is by suckling the mother. It is best for the mother too. If the calf does not attempt to suckle the mother by the time he is three or four hours old he should be helped up and assisted in getting his first meal.

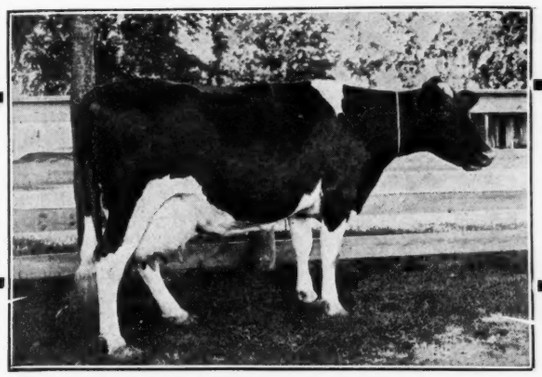
He should get whole milk for at least ten days. If at all practicable it is best to feed him for the first ten days, three times a day, one and one-half quarts at a meal. After the tenth day if he is good and strong, he may be fed twice a day and receive two quarts (four pounds) at a meal. The temperature of the milk should always be at 90° to 100° F. A thermometer costs twenty-five cents. Always try the temperature of the milk with a thermometer and know that it is at the proper temperature when fed. The temperature is one of the most important points to have correct in feeding. Beginning with the eleventh to the fourteenth day the calf may be changed to skimmed milk.

The Third Week—Take a full week to change from whole milk to skimmed milk, changing at the rate of one pound per day. The skimmed milk must be sweet, free from foam, and at a temperature of 90° to 100° F.

The Fourth Week and Thereafter—The calf may now have more milk as his appetite and condition demand. Do not over-feed him. There is much more danger from over-feeding than from under-feeding. Mix into each feeding of skimmed milk a teaspoonful of soluble blood flour. This blood flour may be obtained from your feed dealer. It is simply dried ground blood and is a by-product from the large abattoirs. Insist that the kind you buy be very finely ground because coarsely ground dried blood will settle out when mixed in the milk and it should stay in suspension. Blood flour is ex-

IRMA GILT EDGE, QUEEN 2nd

Owned by L. E. CONNELL of Fayette, Ohio



Champion Milk Cow of the World Under Full Age

Champion Milk Cow Made Her Record with the HINMAN MILKER

Five Good Reasons Why Mr. Connell Uses the HINMAN

"I have been using the HINMAN MILKER nearly three years, and simply would not do without. I like it for several reasons:

1st. Because of its simplicity.
2nd. Because the upkeep is practically nothing.
3rd. Because it relieves the monotony of hand milking.
4th. Because I can milk 25 cows with the Hinman where it would have been impossible for me to have milked ten by hand, and kept at it.
5th. Because I can milk a badly swollen udder in ten to twelve minutes when it would take half to one hour to do it by hand. I would have a Hinman if for no other purpose than to milk heifers and cows that have badly swollen udders.

"I am sending you a photo of Irma Gilt Edge Queen 2nd, the champion milk cow of the world under full age that is being milked three times per day with it. The past year I have made the largest A. R. O. records I have ever made and **have used the milker on every cow".**

"So far I have never known of a Hinman being discarded, that the trouble was not in the man who operated the machine".

L. E. Connell, Fayette, Ohio, March 29, 1916

HINMAN MILKERS

Save the time and drudgery of milking—give more time in the field—never grow tired—never lay off. The Hinman Milking Machines cost less than complicated machines, both to buy and to install. Pay for themselves in a short time and add extra dairy profits in help and time saved.

WRITE TODAY FOR FREE CATALOG

Add to this the increase in milk flow from regularity—the increased number of cows you can handle — the more sanitary milk—and you will wonder how you can do without the Hinman Milker another day.

Gives experiences of dairymen, records of registered cows and explains the **simplicity, durability** and **efficiency** of the **HINMAN MILKER.**

HINMAN MILKING MACHINE CO.

25-35 ELIZABETH ST., ONEIDA, N. Y.

Service Dealers Everywhere

USE THIS COUPON

HINMAN MILKING MACHINE CO., 25-35 Elizabeth Street, Oneida, N. Y. I milk..... cows that stand in.....rows .....ft. apart. Without obligation to me send Free Catalog and estimate of cost for complete outfit.

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pensive but the amount fed is very small and is worth many times its cost. Its particular usefulness is twofold, it is very good high protein food in itself and secondly it keeps the bowels of the calf in good condition and overcomes any tendency to digestion troubles.

Roughage—At four weeks of age the calf will begin to eat food other than milk. The best roughage for him is second or third cutting of bright well cured alfalfa hay. On those farms where alfalfa hay is not available the second cutting of clover hay is best. With a little care practically every farmer in the State of New York can put up a little cutting of clover hay for his calves. If neither of the above kinds of hay are available, use the best quality of hay that can be secured. Let the calf have all the hay he will eat.

After the calf is six months old, he may have a little silage.

The Grain Mixture—At about the time at which the young calf will begin to eat a wisp of hay, he will eat dry grain. The mixture that has given the writer much satisfaction is the following: 30 lbs. wheat bran, 30 lbs. ground oats, 30 lbs. corn meal, and 10 lbs. oil meal. The calf should be fed all he will eat of this mixture in a box nailed to the side of his pen. Never feed a calf dry dry grain in the pail from which he gets his milk, nor mix the grain in with his milk. When three or four weeks old, after he has finished drinking his milk, put some of the above mixture in his mouth. He will soon learn to like it. At the same time have some of this mixture in the feed box in his pen. He will soon find the box and eat regularly. Feed all the grain he will eat up clean after having his milk. Some feeders keep feed before their calves all the time.

Care and Management Other Than Feeding—Besides feeding, there are some other things in the care of calves that should be mentioned. More than all else is cleanliness and dryness. The pens should be kept clean and dry. The temperature of the stable may be rather low and the calves will grow and thrive if kept dry and clean and are well fed. The pens should be cleaned often and kept well bedded. In warm weather particularly the calves should have access to clean water.

Many farmers turn their calves out to pasture when too young. In New York, a good practice is, keep in the barn during the summer all calves born after February 1st. These young calves may be turned out to night pasture if one is available. They are too young to pick their own living without some extra food so that it seems best to feed them in the barn the first summer. In the pasture flies plague them so that they do not grow well.

Dehorning Calves—In herds where it is desired that all the animals shall be dehorned the best time is to dehorn the young calves before they are three weeks old. This may be done by rubbing the little nubs of horns with a stick of caustic potash. This may be purchase at any drug store. When using it, precaution should be taken that it does not come in contact with the hands. This is easily done by wrapping in paper the end of the stick that is held in the hand.

Clip the hair away from the button of horn. Dip the end of the stick of caustic potash into water and rub the horn hard with it until the skin all around the button is raw and bleeds a little. This is necessary in order to wholly destroy the bone. Be careful that the caustic liquid does not run down into the eyes of the calf.

This seems like a cruel practice but in reality it is a most humane one because it does not hurt the calf very much and dehorning a mature animal is very painful and more or less dangerous. Cattle that have been dehorned are more docile, cannot injure each other, or the attendant, and are probably more productive. The sores made by the dehorning process will quickly heal and need no attention. The thing of greatest importance is to do a thorough job making sure that the horn button is absolutely destroyed. If only a part is destroyed a stubby misshaped horn will grow and a poorly shaped head will result.

Much trouble is sometimes experienced from scours arising from indigestion. This trouble is to be prevented rather than cured. It may be prevented by proper feeding. The above directions have been followed in a herd of sixty calves this winter and the calves have made an average gain of ten pounds and over per week. Blood meal has been used religiously and when a little trouble has come the only treatment that has been necessary has been to cut down the food at least one-half and to add a pint of clear lime water for a feed or two. Then bring the calf gradually to full feed again.

The following table shows the comparative cost of feeding according to the three methods mentioned.

Food	Pounds average daily gain	Feed cost of 100 pounds of gain
Skimmilk	1.5	$2.26
Whole milk	1.9	7.06
Running with dam	1.8	4.41

This table is from the actual results in handling a total of 42 calves divided about equally into three lots. The feed cost would vary with the locality but shows a comparison that might reasonably be expected. The comparison shows that skimmilk is by far the least expensive, and a daily gain of 1.5 pounds will give a heifer that will be so well developed that it will be very difficult to recognize her from her sister raised on whole milk when both reach the age of two years.

SERVICE DEPARTMENT

This Department is conducted by Professor Savage for those who desire to ask questions, concerning his articles. This service is free to all and they are urged to send in their feeding problems for discussion. We believe that such a department as we plan will prove to be one of our most valuable features.

We recommend you for the Service Department conducted by Prof. Savage and would like a little information from him in regard to the most economical feed for a 7 year old, 1500 lb. cow, which we expect to place in test about May 30th. We are unable to secure any mixed dairy feeds in this section (dairying is in a very primitive stage here) and we must rely upon such feeds as the following:

Ground Corn (Corn Chops)	$1.00 cwt.
Ground Oats	1.30 cwt.
Wheat Bran, Mill Run	1.75 cwt.
Cotton Seed Meal	1.65 cwt.
Oil Meal (Old Process)	3.50 cwt.

Good alfalfa and prairie hay, our own growing wheat, oats or sudan pasture, but the pasture is about 80 rods from the barn, We have no silage or roots.

Would it be desirable to keep the cow stabled or allow her to run on above pastures?

T. W. B.

Oklahoma.

You have only one cow to test therefore, you can go to considerable trouble with her. I should keep her in the stable, feed her practically all the alfalfa hay that she will eat and all the green food she will eat. Cut green alfalfa for her and feed it to her in the stable. You might vary the green alfalfa with an occasional offering of green oats. The idea is to tempt her appetite with succulent foods and thus keep her in good condition.

I suggest the following grain mixture:

200 lbs. ground oats.
100 lbs. ground corn.
200 lbs. wheat bran.
300 lbs. cottonseed meal.
200 lbs. oil meal.

Start her out on this mixture after calving at the rate of two to four pounds per day and gradually increase the amount fed until she is getting all she will eat. The best results are secured by feeding and milking four times every twenty-four hours. It is best to divide the grain that is to be fed in 24 hours into four portions and feed before milking with some green food with the grain if she so desires. The alfalfa hay may be fed between milkings. Water her three or four times per day and give her a handful of salt every other day.

Would you care to give through your service Department, a suitable cultural method for beets, adapted to New England climatic conditions? We use the Detroit red. Do you recommend a larger growing variety? Would a larger variety be more economical to raise? In other words, would it furnish more suculence of equal feeding value?

Vermont. W. S. W.

"Detroit Red" beets are recommended for use in testing for advanced registry. It is doubtful if it is economical to grow them in place of mangels for ordinary feeding. "Norbiton Giant" is a good variety of mangel for early winter feeding. "Golden Tankard" is a variety which keeps better for late winter and spring feeding.

Beets need a deep mellow seed bed on a heavily manured soil. Therefore plow deeper than usual for them. They should be sown in drills 12 to 15 pounds of seed to the acre. When well up, go through them and cut out the extra plants so as to leave the beets about 6 to 8 inches apart in the row. The little clumps of plants will then need to be thinned by hand down to one plant in

(Continued on page 1048)

A-Head of the Best

is this remarkable young sire

Rag Apple Korndyke 8th.

RAG APPLE KORNDYKE 8th just can't help taking the lead in the ranks of the world's great sires. No breeding as rich or productive as his can be found and that there is no possibility of a fluke in it must follow from the fact that he gets most of his 75 per cent of the blood of **Pontiac Korndyke** from four of **Pontiac Korndyke's** greatest daughters. That he carries a rich inheritance of the wonderful prepotency of **Pontiac Korndyke** cannot be denied after considering that his eighth tested daughter **FAIRVIEW KORNDYKE PIETERTJE,** when scarcely 24 months old, captured the **WORLD'S JUNIOR 2 YEAR OLD BUTTER RECORDS** for both 7 and 30 days with the following remarkable production: 7 days —30.18 pounds of butter, 500.1 pounds of milk; 30 days—117.29 pounds of butter, 2030.8 pounds of milk.

This performance alone justifies our claim that **RAG APPLE KORNDYKE 8th** is

The Greatest Bull in the World

REMEMBER his PROVEN TRANSMITTING POWER -- his UNEQUALLED BREEDING -- his FLAWLESS INDIVIDUALITY and above all, that although his career is hardly started, he stands at the head of the class

Sire of the Only 30-Pound Junior 2-year-old

Oliver Cabana, Jr. **PINE GROVE FARMS, Elma Center, N. Y.**

The Breeders Write Us

Reports Good Sales

S. M. Strickland of Strickland Farm, Carthage, N. Y. reports the following sales:

To L. A. Danforth, Philadelphia, N. Y., 4 yearling heifers; these young heifers are to lay the foundation of a Holstein herd for Mr. Danforth. They are beautiful individuals, nice in size and conformation and from very good dams and we think Mr. Danforth used very good judgment in the purchase of these cattle; they are of King Pontiac and King Segis breeding which, of course, means success to the buyer.

We also wish to report the sale of a two year old to J. M. Wheless of Farmville, N. C. This two year old heifer was bred to Spring Farm King Pontiac 14th which of course, we feel increases her value to Mr. Wheless.

We wish, also, to report the sale of Springvale Farm King Pontiac to M. E. Leiter, an attorney of La Porte, Indiana. This young bull was sold entirely by correspondence with Mr. Leiter and was shipped on approval and he just couldn't get the check back fast enough, he was so well pleased with the calf. The sire of this calf is our Spring Farm King Pontiac 14th, bull, who all readers know, was sired by one of the best sons of King of the Pontiacs and from the greatest 37-lb. cow, Tweede White Lady. The dam of Spring Farm King Pontiac, Orpha Pontiac with a record of 31.49, is one of the best cows in Francis Jones' herd, she being a daughter of the best son of Hengerveld De Kol. The dam of Mr. Leiter's calf, Canary Changeling Queen, 243317, is a daughter of Correct Change, he from Changeling Butter Boy; the dam of Correct Change, a daughter of Tidy Abbekerk Prince. with better than a 30-lb. record; Canary Changeling Queen's dam is Spring Brook Queen Canary Second and has a record of 24.39; her dam has better than a 29-lb. record. Canary Changeling Queen has a two-year old record of 19.06, butter, 7 days, and is one of the best two year olds that stands in our herd and we expect to give her a very fine record.

Another son of Spring Farm Pontiac goes to George M. Dickout of Theresa. Mr. Dickout possesses one of the best young herds in this section and we are very glad to place at the head of his herd a son of Spring Farm King Pontiac 14th.

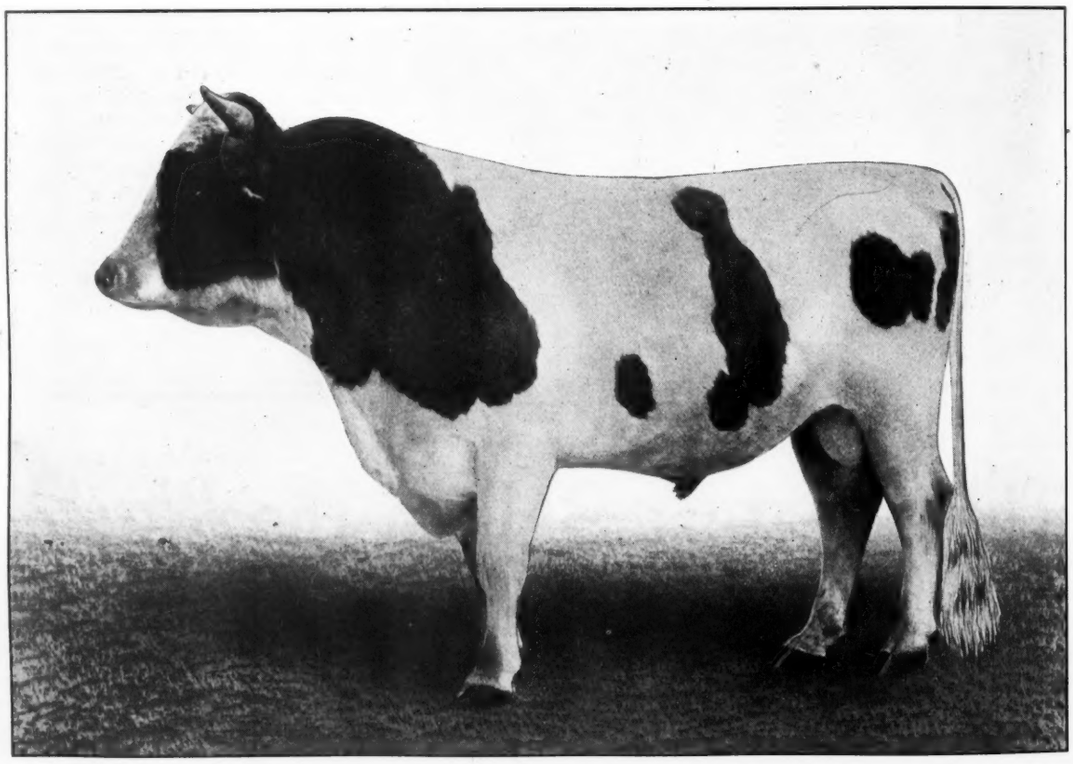
A Youngster for Development

Auray Farms, Sparta, N. J., report another daughter of King Segis Pontiac Clorinda on test and making better than 18 lbs. butter from over 55 lbs milk daily. She is Auray Clorinda Pauline, a 2 year daughter of King Pontiac Calypso Pauline a 4 year old Auray Farms cow that recently completed 25.78 lbs. butter from 518 lbs. milk. Third dam Diona Pauline Paul De Kol 26.33 lbs. They expect to develop this family into another of the three or four consecutive A. R. O. generation families of naturally big producers for which they are well known. They have in all at present six daughters of the two older cows; all the family of breeding age are safe in calf, and the first two granddaughters to freshen, including the above mentioned 18-lb. 2 year old, dropped heifer calves. This is a young family, and all of those already tested are quite capable of increasing their present records. The grandaughters as they reach breeding age are being mated with King Lyons Fayne, the younger Auray Farms bull—a son of King Lyons from a 28 lb. 4 year daughter of King Fayne Segis. Thus they combine the blood of two of the best sons of King Segis, (King Segis Pontiac 37.21 and King Fayne Segis 35.55) each of which was from a former world's record cow.

A Report from Kirkville

We are glad to announce that our Belleholm Walker Daisy has just made 24.04 lbs, butter from 477.4 lbs milk in 7 days. As she is the oldest daughter of our herd sir Walker Lilith Altoana and her dam a 22.69 lb. daughter of De Kol 2ds Mutual Paul, we think it speaks very well for our bull, although it is no more than his breeding would indicate, as his dam, Lilith Altoana De Kol, is a 33.61 lb. 3 1-2 year old daughter of Lilith Pauline De Kol's Count and is the only heifer to make a world's record as a 2 year old and again as a 3 year old. Her 2 year old and 3 year old records averaging 30.35 lbs. butter in 7 days, which is greater than two records made by any other heifer under four years of age. Lilith Altoana De Kol's three daughters as junior two year olds average 21.06 lbs. butter in 7 days,

(Continued on page 1075)



KING KEKA FAYNE 56802

Here is the senior sire owned by the Callam Stock Farm at Saginaw. His sire is King Fayne Segis and his dam is a 21-lb. junior three-year-old granddaughter of Pontiac Korndyke. King Keka Fayne is a herd sire backed by the very best families of the breed. He is the sire of seven A. R. O. daughters and prospects are that this list will be increased very rapidly. A glance through his pedigree showed that every dam in the chart has an A. R. O. record, the average being $23.90. This cut is shown by the World through the courtesy of L. S. Foote, Saginaw Valley Farmer.

DETROIT
June
8th & 9th

GREAT
GREATER
GREATEST

DETROIT
June
8th & 9th

OF ALL HOLSTEIN SALES

THE ANNUAL MEETING OF THE
Holstein-Friesian Association of America
will be held in Detroit on June 7th, 1916, and the foremost Holstein breeders of this country will be in attendance at this meeting.

This GREATEST OF ALL Sales

will be held on the 8th and 9th, the two days following the meeting, and the finest lot of cattle ever entered in one sale will be sold, making three red letter days for the Holstein Breed.

Great Facts About the Greatest of Sales

GREAT
because there will be sold 10 daughters of 30-lb. cows.

GREATER
because there will be sold twenty-four 30-lb. cows.

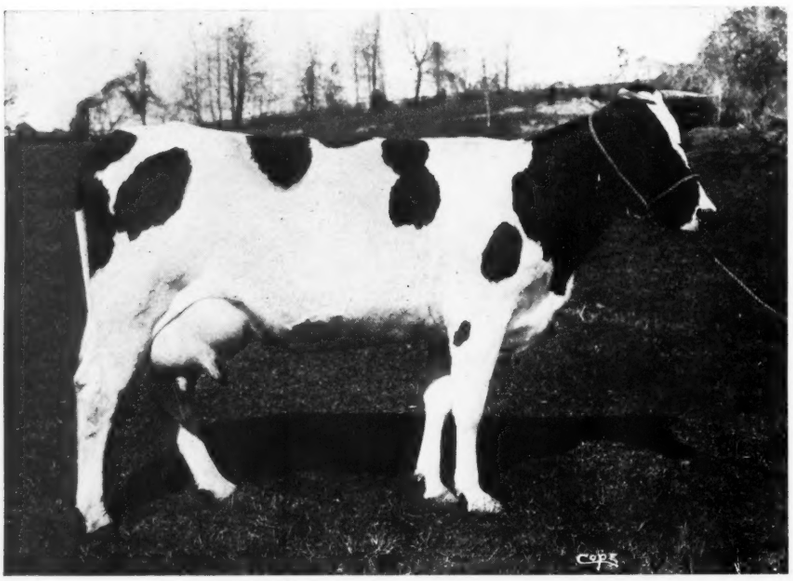
GREATEST
because two sons of 41-lb. cows will be sold—also 10 sons of 30-lb. cows.

The consignments are from the herds of more than 25 of the most prominent breeders of New York, New Jersey, Massachusetts, Michigan and Ohio. All animals personally inspected by Sale Director, H. A. Moyer, before acceptance in the sale.

National Holstein-Friesian Sale Co. of Michigan

H. A. MOYER, Sale Director. **S. W. WOOD in the box**
Auctioneers, Cols. Perry, Haeger, Kelley and Mack.
Catalog compiled by **LIVERPOOL SALE & PEDIGREE CO., INC.**
For catalog of this sale address H. A. Moyer, Syracuse, N. Y.

A New Pennsylvania Champion



TWIN BROOK LASS

W. B. Devaney of Berwyn, Pa., has just completed a record on his heifer, Twin Brook Lass, 207812, that gives her the State championship in her class, freshening at 2 years, 10 months and 12 days. She produced in one week 546.3 lbs. of milk, which yielded 24.746 lbs. butter. The fourteen-day record made was 1047.4 of milk and 48.642 of butter. Mr. Devaney reports that the best day's milk record of Twin Brook Lass was 80 lbs. and that she was going at a 26-lb. rate when the test was stopped by labor trouble occasioned by a strike.

The record made, according to a letter received from Philip M. Hicks, secretary of the Chester County Holstein Breeders' Association, places Twin Brook Lass in the competition for the trophy cup award annually by this association. Under the handicap rules this is the best record that has ever been made in competition for this cup.

It is notable that this heifer displaces her own dam in the competition for this trophy, Norma Mercedes De Kol Pauline, who, at ten years, has a seven-day record of 25.81 lbs. of butter made from 620.6 lbs. of milk, with a one-day milk production of 92 lbs.

Twin Brook Lass freshened at 1 year, 10 months and 14 days, making a record of 18.35 lbs. of butter from 408.8 lbs. of milk. Her fourteen-day record at this time was 35.771 lbs. of butter from 793 lbs. of milk. She freshened for the test just completed one day less than a year from the time her first calf was dropped. Individually, Twin Brook Lass is considered of a very high type. She was sired by Sir Korndyke Pontiac Artis 3rd, who is a half brother to K. K. S. V. Cora, a 26.62 junior two-year-old, owned by Mr. Robens of Poland, N. Y. Her dam was an exceptionally fine show cow, winning first place wherever shown. She was grand champion of the Chester County Fair in 1914.

Testing in Otsego County

We are indebted to the Osego Farm Bureau News for the following clipping from a report of work being done by the Susquehanna Valley Association, a brief account of which organization appeared in a recent issue of the World.

This association is working with daughters of Pietertje Hengerveld Segis and will issue a report in the near future of this work. That his daughters are well thought of was evidenced at the W. C. Hunt sale at Fayetteville recently, when several cows and heifers from this bull were sold at prices which topped the sale. The report follows:

	Age	Milk	Butter
Owner—C. J. Armstrong & Sons.			
Emma Netherland Hartog, No. 132400	6	495.00	22.76
Emma Netherland Hartog, No. 132400, 30 days	6	2045.7	92.28
Neth Hartog Burke Sjoerd 2d, No. 183745	4	448.3	20.29
Neth Hartog Burke Sjoerd 2d, No. 183745, 30 days	4	1857.7	79.41
Aaggie Lelia Korn. De Kol, No. 211002	2	....	15.66
Owner—P. R. Bennett.			
Piebe Clo. Manor De Kol Segis, No. 253925	2	367.7	17.75
Prospect Hill Prin. 2d, No. 253927	23 mos.	319.9	14.36
Owner—Ira S. Jarvis.			
Topsy Korn. Lass 2d, No. 225170	2	428.1	20.10
Korndyke Heng. Lass, No. 234523	2	353.3	16.68
Owner—S. J. Burton & Son.			
Otsego Hengerveld Aaggie, No. 216981	2	345.4	13.75
Otsego Hengerveld Buttercup, No. 216978	2	349.1	18.80

SERVICE DEPARTMENT

(Continued from page 1044)

a place. Level culture is best and a light harrow or weeder may be run over the field once or twice to good advantage before the thinning. About two hand hoeings will be necessary, the first at the time when the beets are thinned. It is this thinning and hand hoeing that makes the cost of raising mangels or beets high.

Can you give in brief the best methods of procedure to insure a successfulcrop of alfalfa? We are convinced from your recent article in the World we that should grow alfalfa. Our land is loamy, rolling, and therefore, easily drained but believe it should be made alkaline by the use of lime.

Ohio. A. J.

It is not possible within the limits of an answer to a letter to go very much into detail on such a large subject as successful alfalfa growing. A few fundamental things may be mentioned as applied to Ohio climatic conditions.

Soil—The loamy top soil should be well drained and eighteen inches to two feet deep above the subsoil must be loosened up.

Preparation of Seed-bed—Alfalfa will improve a soil, but you cannot get a good stand on a good soil. The soil must be as rich as for any other crop and the seed bed in perfect condition because no hand culture is to be given after the crop is in. Therefore, the seed bed must be free from weeds at the start.

Lime—It goes without saying that if the use of lime is indicated it must be applied. There are now tests which will show whether lime is necessary or not. Details of these tests cannot be given here. Apply to Ohio Experiment Station, Wooster, Ohio for information on this point. Do not send them a sample of soil unless they give directions for so doing.

Inoculation—There are two general methods of inoculation. One, the spreading of one acre two or three hundred pounds of fresh earth from a field where alfalfa thrives. Do not let the earth taken from such a field dry out entirely and harrow it in as soon as spread because much direct sunlight will destroy the bacteria. A good way is to mix the fresh soil with manure and distribute with a manure spreader. Two, you can probably obtain cultures of bacteria through your experiment station if soil from an old field is not available.

Rate and time of seeding—The best information at hand shows that the use of a nurse crop is not generally advisable in Ohio. Probably late summer is the best time for seeding and the alfalfa should be sown alone at the rate of twenty-five pounds of seed per acre. This is a high rate of seeding but on the whole twenty or thirty pounds appear to give the best results.

I keep a few cows, about 12, have no silo, but raise enough mangel wurzels to feed 40 to 60 lbs. to each cow a day from November to May 15th or June 1st. With them I feed union grains with a little hominy or corn meal and alfalfa and clover hay. Will they do as well on mangels as ensilage?

My feed is 1 lb. grain to 3 1-2 lbs. milk. April 15th, I turned them out for2 or 3 hours on growing rye. Would be pleased to hear from you in the subject. M. Z.

Long Island

I cannot make any suggestions for the improvement of your methods of feeding. I feel that it is more costly to raise the same amount of digestive material in mangels than in silage but the cows will do as well on mangels as on silage although I should expect you would need need to feed about 50 pounds of mangels to take the place of 30 pounds of silage because there is so much more water in the mangels.

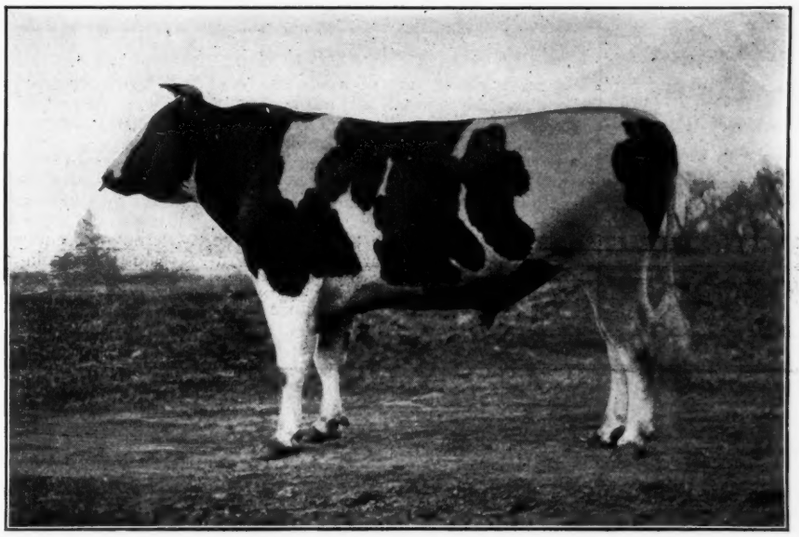
THIS IS

Spring Farm Pontiac Cornucopia

◎

THE $15,000 BULL

THIS IS WHAT WAS PAID FOR HIM



He is considered as one of the two or three most valuable sires of the breed. He has been bred to more extreme high record cows than any bull of the breed and he has a large number of sons heading leading herds.

He has over 100 living daughters, the first of which will freshen this coming spring.

Over 70 cows have been booked to be bred to him in the past three weeks, and more coming.

His sons and daughters have been sold at long prices in the Sale Ring and at private sale.

They have individuality of the highest order. His get all show extra quality.

A few sons of this bull left. Write for photos, pedigrees and prices.

FRANCIS M. JONES

Clinton Oneida County New York

Auray Farms

For the next month or so will offer an excellent selection of

Splendidly Bred
BULL CALVES
at Dairy Farmers Prices

GOOD ENOUGH TO HEAD GOOD HERDS.

Must place them quickly as we have 20 cows to calve and need room. $75, $100, $150 and upward, according to dam's record, and A. R. O. backing. Sired by

King Segis Pontiac Clorinda

A strikingly handsome individual, carrying on BOTH sides of his pedigree the same famous Pontiac Korndyke—Hengerveld De Kol cross as King Segis Pontiac Alcartra.

If you want

King Segis King of the Pontiacs

blood at your own price, now is your chance.

Write us your wants and let us make our best offer.

We ship only good individuals, suitable for breeding purposes, bred from three, four and five generations of A. R. O. dams of demonstrated worth—many of them producing members of our herd.

Especially Attractive

Bull calf by our **De Kol 2d Bull** from the first daughter of the **Clorinda Bull**

Auray Clorinda Pontiac 206,526

A. R. O. 7 days 16.20 lbs., 30 days 66.30 lbs., 2d and 3d dams A. R. O. Priced at $125.00

Another by the **Clorinda Bull** from a 15 lb. 2-year daughter of **Mutual Pietertje Paul**, 2d and 3d dams A. R. O. Price $100.00.

Pedigree charts and full information gladly sent on request.

Auray Farms

F. M. AVERY **I. M. AVERY** Manager

Sparta, Sussex County, N. J.

DO YOU WANT TO RENT A YEARLING BULL ?

We have grandsons of Pontiac Korndyke out of A. R. O. dams. Write for particulars.

Burr Bros., Wauseon, Ohio

ELMWOOD OFFERS

12 heifer calves, age from 2 weeks to 6 months. 12 yearling heifers, age from 10 to 15 months, not bred. 17 are sired by Elmwood Betts Korndyke, a 25-lb. bull, who has 8 A. R. O. daughters. All or any part of them at a low price.

GEO. T. McNEIL **THERESA, N. Y.**

A Son of a Champion

FINDERNE PRIDE JOHANNA KORNDYKE

Here is the picture of a sire that will some day be one of the most famous in Central New York, noted though that section may be for its Holsteins. C. L. Amos of Syracuse, N. Y., owns Finderne Pride Johanna Korndyke, the son of the world's champion yearly producer, Finderne Pride Johanna Rue, sired by King Pontiac Segis Korndyke. He was bred by Bernard Meyer of Finderne Farm, Finderne, N. J.

His dam and her performance in the way of record smashing is well enough known to need no introduction to readers of the World. It will be remembered that she was the first cow to produce 1400 pounds of butter in a year, her record being 1470.59 pounds for the 365 days. Her best seven-day record is 34.87, and her transmitting power is evidenced in a 31.95 3-year-old daughter, Finderne Johanna Fayne.

The sire of Mr. Amos' bull is a 30-pound son of King Segis De Kol Korndyke, being from Beauty Rauwerd De Kol, 30.54. She in turn is a daughter of Pietertje Hengerveld's Count De Kol. King Pontiac Segis Korndyke has now eleven 2-year-old daughters that average over 20 pounds for the seven-day period.

Mr. Amos has a recent statement by Mr. Meyer to the effect that two calves sired by Finderne Pride Johanna Korndyke and dropped recently at his farm were good enough to bring $500 each from California parties at the age of two weeks. The first calf from this bull dropped recently at Antrim Farms, Mr. Amos says, is the most beautiful calf that he has ever seen.

Mr. Amos has a magnificent herd at Antrim Farms, near Syracuse, consisting of 150 head. His junior sire is a son of King Korndyke Sadie Vale, purchased recently at Rochester at the Exposition sale. Mr. Amos reports a record upon a 2-year-old just being completed of over 22 pounds. This heifer is a granddaughter of King Segis out of Lady Meta Vernon, 27.06, who has five A. R. O. daughters. Much testing is being done at Antrim Farms, and we predict that other good records will be announced from there before long.

BENCHESTER FARM

Offers for sale an excellent pure bred Holstein-Friesian bull that we will guarantee to be the sire of A. R. O. daughters.

EUGENE B. BENNETT, Owner

EASTON, PA. Route 3

BULL READY FOR SERVICE

Sire a son of Pontiac Korndyke, dam a 26-lb. daughter of King Segis Beets.
Also two bull calves sired by King Segis Beets.
No. 1 from a 25-lb. daughter of Pietje 22d Woodcrest Lad.
No. 2 from a 21.48 lb. junior two-year-old. She from a 26-lb. daughter of King Segis Beets. Write for further information and prices.

Meric Phillips **Red Creek, N. Y.**

THIRD SEMI-ANNUAL SALE

Central Wisconsin Breeders' Association

At Marshfield, Wis., May 10-11

FROM BREEDERS' HERDS

A QUALITY SALE **150 HEAD 150**

This is the first sale in the new pavilion and we are aiming to make it a feature sale in every respect. A few of the consignors are:

J. Schmidt, Arpin
J. C. Keiffer & Son, Auburndale
McMillan Bros., McMillan
C. H. Imig, Junction City
T. F. Vannedom, Marshfield
Wm. Krause, Thorpe
F. W. Fisher, Thorpe
J. F. Kelly, Neillsville
O. J. Lew, Grand Rapids
E. E. Butters, Marshfield

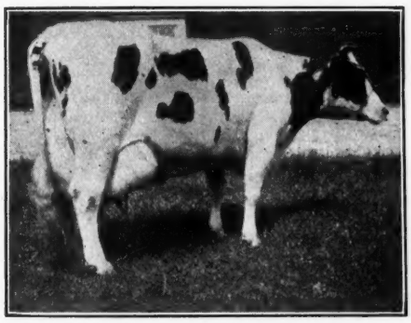
These herds are headed by such sires as a 29-lb. son of Friend Hengerveld De Kol Butter Boy, a son of Polly Posch, sons of Colantha Johanna Champion, grandson of King Segis, son of Pietertje Hengerveld Segis.

The offerings include three stable-mates of Minerva Beets, 85791, Grand Champion 1914 National Dairy Show. Many of the cows offered have very good A. R. O. records and all are backed with the best A. R. O. breeding.

AUCTIONEERS: Mack, Krause, J. P. Heintz.

For Catalogues address:

E. E. BUTTERS, MARSHFIELD, WIS.



Aaggie Pontiac Wayne Korndyke
Butter 7 days, 30.76 lbs.

WELLSLAND STOCK FARM

Offers a fine son of the $15,000.00 bull, Spring farm Pontiac Cornucopia. Dam, Aaggie Pontiac Wayne Korndyke, 30.76 lbs. She has 100 per cent same blood as Pontiac Lady Korndyke, the 38-lb. cow, making calf 100 per cent same blood as King Dollar that sold for $4500. Aaggie Pontiac Wayne Korndyke is dam of Wellsland Aaggie Korndyke, 30.58 at 3 yrs. 4 days old. This is one of the best bred Korndyke bulls than can be bought.

N. W. SALMON, Glenfield, Lewis Co., N. Y.

A CONSIGNMENT SALE

AT YORK, PA., JUNE 15, 1916

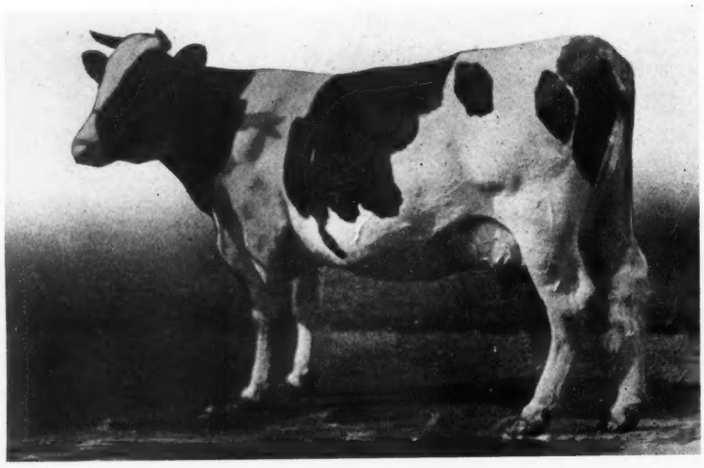
On the day following the York and Few Sale

A few more consignments of high quality can be accepted

For Information Address

E. A. HUTCHINS, Phelps Bldg. Binghamton, N. Y.

A New World's Champion for Milk and Butter



SPRING BROOK BESS BURKE 2nd 131387

Age 6 years 3 months.
Butter 7 days 38.22; Milk 792.30
Butter 30 days 154.78; Milk 3267.60
In one day she produced over 123 lbs

BUT THAT IS NOT ALL

Less than fourteen months previous to last calving she made:
Butter 7 days 36.11; Milk 736.10
Butter 30 days 146.67; Milk 2956.40

On semi-official test she made over 1040 lbs. butter and carried a calf seven months of that time. She was only dry two weeks before making her last great record. She will again go on semi-official test and great things may be expected of her.

She is the **only cow in the World** to make two records above 36 lbs. butter and 700 lbs. milk in seven days.

She is the oldest daughter of SPRING BROOK BESS BURKE (34.809), the only 34-lb. cow in the World to have two daughters above 33 lbs.

This wonderful cow is not only a great producer but a great individual as well. She is of that type you always look for but very seldom find. **SHE COMBINES INDIVIDUALITY with PRODUCTION—THE TARGET YOU ARE AIMING AT.**

We have a few bulls from our Bess family that may be just what you are looking for.

E. C. SCHROEDER **Moorhead, Minnesota**

You are evidently not the man who said he would try anything once

Because we have been applying to you for some time to let us place a bull at the head of your herd WITHOUT YOUR INVESTING A DOLLAR. You may be able to do without us, but undoubtedly you could do better with us if you place a son of the great **"BEACH SEGIS PONTIAC"** wyith you to be your own. Write for our proposition before it is too late.

BEACH & WIRT **Battle Creek, Michigan**

His 5 Nearest Dams Average 29.26 lbs.

Per cent, 4.34. Dam at 2 years 2 months, 19.78 lbs.; per cent, 4.68. Her full sister, 3 years 2 months, 25.69 lbs.; per cent, 4.63. Their dam, 7 days, 31.30 lbs.; per cent, 4.66; 30 days, 123.47; per cent, 4.07. Sire's dam, 4 years 1 month, 31.76 lbs.; per cent, 4.18; 30 days, 127.72 lbs.; per cent, 4.12. His sire's dam, butter 7 days, 32.94 lbs., milk 716 lbs. Born January 14, 1916. Mostly white, a beauty in every particular. Write for pedigree and price.

HOBART W. FAY, Mason, Michigan

Beware the Losing Acre

In buying a farm, unprofitable acres that cannot easily be made profitable should ordinarily be considered as having little or no agriculture value. They may be a burden to their owner, in which case they have a negative value. A farmer was about to buy a quarter section farm in the corn belt at $100 per acre. This appeared to him to be a very reasonable price for a farm in that region, until a careful analysis of the proposition called his attention to the large amount of waste land on the farm. Actual measurements and careful estimates furnished the following data:

80 acres rich, sandy loam, not stony, not rough, gently sloping, well drained; actual value, $125 per acre. $125 x 80	$10,000
45 acres, poor land, sandy, stony, rough, hilly, probably of little or no agricultural value. Actual value	0
35 acres, poor pasture land, wet land that can be drained, but that that cannot be drained at a profit. Actual value $10 per acre. $10 x 35	350
Buildings	2,450
Total	$12,800

$12,800 ÷ 160 = $80.

These figures gave the farm, including buildings, a value of $80 per acre, though a part of it was worth considerably more than the average price per acre asked for the farm. An itemized study of the farm acre by acre, and a detailed study of fences, buildings, and other improvements, should always be made before purchasing. Such investigation often calls attention to enough unprofitable acres to stop the sale. —*J. C. McDowell, U. S. Department of Agriculture 1915 Yearbook.*

They Believe in Him

Here are the reasons why Finderne Pietertje Fayne is "the greatest bull in the world," as presented by his owners, the Munroe Company of Spokane, Washington.

He has seven sisters in the three-year-old classes that average 34.31 pounds in seven days. One holds the world's two-year-old yearly record, 22,150.70 pounds of milk, average 4.40 per cent fat. Another the world's three-year-old records in every division, yearly record 24,612.80 pounds milk, average 4.53 per cent.

Another three-year-old sister, 18,523.50 pounds milk, average 4.74 per cent fat.

His dam at three years stands second only in the seven and thirty-day classes, 4.42 per cent fat.

Her sister held the world's yearly record at five years, and still holds it in some features—28,403.70 pounds milk, average 4.14 per cent fat.

Sire's dam held the world's junior two-year-old record for seven days, 4.51 per cent fat, thirty days 4.26 per cent fat.

Sire's dam, world's record for seven days, 35.55 pounds, 5.42 per cent fat.

There are more world's records in his first four generations than any bull of the breed.

More British Humor

Extract from lecture by N. C. O.:

"Your rifle is your best friend, take every care of it; treat it as you would your wife; rub it thoroughly with an oily rag every day.

Tom—You're not turning as fast as Dad does, Mary.

Mary—No Tom, but we'll get all the cream anyway with this lovely new machine. Dad says

"IT SKIMS CLEAN AT ANY SPEED"

That's what this marvelous new invention actually does.

A fixed-feed separator may skim clean if in perfect order and turned at just the **right speed.** But every member of the family turns the crank at a **different rate;** no one can maintain an even speed **all the time**—it isn't human nature. Every old type separator has an **unchanging inflow** of milk. That's why it loses cream when not turned at exactly the right speed.

THE NEW SHARPLES SUCTION-FEED

Separator gets all the cream because it automatically regulates the inflow exactly in proportion to the separating force—always just right for perfect skimming.

The Suction-feed Separator delivers smooth cream of **even thickness** that churns out more butter of choicest quality. If you sell cream you can **guarantee uniform density.**

You can increase the capacity of the Suction-feed by simply turning faster, and get through quicker if in a hurry. The new Sharples is the only separator that can be hastened. You can easily pour milk from a forty-quart can into the low supply can. It's the largest found on any separator—and it's only knee-high.

The women folks prefer the Sharples because the simple tubular bowl is so easily cleaned. Has only three pieces—no discs to wash or to get mixed up. The tubular shape gives double skimming force.

The new Sharples is ruggedly built for hard service. It is neat, compact, runs easily and oils itself.

This wonderful machine will earn you a new dairy profit—without added expense. Our new free book, **"Velvet" for Dairymen,** fully describes the Suction-feed. Your copy is ready. Send for it today. Address Dept. 45.

The Sharples Separator Co.

ALSO SHARPLES MILKERS AND GASOLINE ENGINES

West Chester - - - - Pennsylvania

Chicago San Francisco Portland Toronto

WORTHY OF THE BREED

Entered at the Syracuse (N. Y.) Postoffice as second class mail matter.

Issued on alternate Saturdays from Syracuse, N. Y., and Waterloo, Iowa.

HOLSTEIN-FRIESIAN WORLD CO., Publishers

Editor Eastern Edition - - - FRANK T. PRICE
Editor Western Edition - - - H. E. COLBY

Subscription price for the United States and Mexico, $1.00 per year in advance. All other foreign subscriptions (including Canada), $1.50.

Advertising rates on application.

The date following the address on the wrapper of each paper indicates the time to which subscription is paid, and is to answer the purpose of a receipt.

Offices of publication, Syracuse, N. Y., and Waterloo, Iowa.

Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

All matter for publication in the Eastern Edition must be received ten days preceding date of issue.

When so desired advertising copy will be prepared or revised for our customers free of charge.

We cannot undertake to furnish regularly any back numbers, but as long as our supply lasts they may be had for ten cents the copy.

Address all correspondence for the Eastern Edition to Syracuse, N. Y.

A Point In Advertising

SUCCESSFUL advertising depends upon three important factors that enter into the methods by which sales are made through advertising—the right advertising medium, copy that attracts and a good follow-up system. The first two are matters of selection, the last a matter of business system.

Advertisers in the World, by reason of the fact that they are, know the right medium and need no advice in this direction. As a rule they write and submit copy that attracts attention. Our compositors have positive instructions to aid them in every way possible by putting each advertisement in as attractive type as can be had. It remains merely for the advertiser to answer inquiries and follow each one up with personal correspondence that will result in a sale of the animal under consideration.

And right here is where trouble comes. We have had lately, not one, but a number of complaints, that advertisers were not answering inquiries made by possible purchasers. Although this hardly seems possible, the statements made to us along this line cause us to believe it true nevertheless. It would seem that this is a serious mistake on the part of an advertiser who spends good money for advertising and neglects to answer inquiries to that publicity to secure which is the very reason for the expenditure.

The World means to protect its clients as much as possible. It will investigate every complaint made regarding the service given by advertisers. It does not believe that many of its advertisers are addicted to the very bad and wasteful habit of neglecting to follow up inquiries, but in justice to readers and clients we make a plea for the elimination of all neglect of this kind on the part of our advertisers.

We are working hard to make your advertising worth while and you, Mr. Advertiser, should be willing to help in the matter. It is a plain business proposition and the most important step in the advertising chain—that of answering promptly all inquiries to your public announcements.

And we might add for the benefit of a few of our advertisers, copy that is changed regularly and well illustrated is the copy that attracts.

She Is But A Baby

THE cow on the cover isn't a cow at all. She's just turned two and she's the world's champion junior two-year-old heifer, Fairview Korndyke Pietertje, member of Pine Grove Farms' herd and a daughter of the herd sire, Rag Apple Korndyke 8th. Her remarkable performance was chronicled in Mr. Colby's western edition of the World last week.

Speaking of Pine Grove Farms and the remarkable success attained by this establishment in the wa yof record-breaking lately, we heard recently a severe criticism of the fact that so many records were being announced for one herd. The speaker, a man of prominence in Holstein matters, stated that it was not a good thing for the breed to have so many records annexed by one herd.

We wonder if it is recalled that in the establishing of these records by Pine Grove Farms, Holstein history is simply repeating itself, as all history is supposed to do and does. It was not long ago that Mr. Meyer's Finderne establishment was in the limelight as a successful competitor for the chief honors of Holstein land. Previous to this is was the daughters of King Segis that had their inning all in a row. Before that, not long ago, E. H. Dollar broke a number of world's records in rapid succession with the daughters of Pontiac Korndyke; and at one time Stevens Brothers Company, or rather Stevens Brothers-Hastings Company annexed seven world's records in as many weeks.

So we see that it is not unparalleled in history that one herd should seem to occupy all the limelight at one particular time. It does not mean the immediate collapse of the entire Holstein industry, for we predict that others will be heard from ere long. Rumors and rumbles from South Dakota and Canada indicate even now that Elma Center is not the hub of the universe as 40-lb. records go. And we believe that the Holstein game contains enough thoroughbreds to keep up the fight, even in the face of the wonderful and very praiseworthy performance of the Pine Grovers.

In this connection it is worthy of note that not a suspicion of illegality has been raised against any of these recent records. We know of their authenticity because we know the men back of them.

Field Notes

A record is reported by Matson & Holland of Holly, N. Y., upon the six year old cow, Vikina Johanna 2d of 29.045 for the seven day period. This cow and her relatives are certainly accomplishing wonders in the way of establishing records. Her dam, Vikina Johanna, owned at Alfred University, has recently established a record of 29 lbs. at 12 years and 10 months of age. A sister, Segis Fayne Johanna, owned at Pine Grove Farms, has a record of 35.37 and is now in test in an endeavor to better this record made last year. Another sister, Pietertje Fayne Johanna, has a senior two year old record of 27.25. She is owned by A. A. Cortelyou, Somerville, N. J. Pine Grove Farms own also another sister due to freshen within a very short time and upon whom they expect to place a very good record. Another three year old sister is owned in the Stevens Brothers Company herd at Liverpool and she made in hot weather last summer a record of nearly 26 lbs. Mr. Cabana of Pine Grove is of the opinion that this is one of the greatest families of the breed and his statement is borne out by the performance of Vikina Johanna and her daughters.

The Bangor (Me.) Daily News of recent date contains a brief article upon the Morgan herd of Holsteins at Sangerville, Maine. It is illustrated with a cut of Sir Paul Spottsworth Pietertje recently selected by Mr. Morgan from the Jones' herd at Corinna. The youngster, he is nine months of age, is pronounced by Holstein judges as one of the best individual specimens in the state.

The Morgan establishment, while new at the Holstein game, is building upon the right foundation and will doubtless prove to be a great benefit to the community in which it is situated. It is the first, we understand, to breed Holsteins extensively in this section of Maine. The C. L. Jones herd at Corinna, which is one of the finest in New England, inspired this plunge into registered Holsteins on the part of Harry and Donald Morgan at Sangerville.

The following have been accepted for membership in the Southwestern New York Holstein Breeders Association: E. H. Weiler & Sons, Warren, Pa., Guy C. Ames, Franklinville, N. Y., G. E. Hazen & Son, Sherman, N. Y., E. B. Tarrell, Ischua, N. Y. and Geo. W. Fesler, Dunkirk, N. Y.

The dairy barn on the ranch of Wilson & Bowles of Bardstown, Kentucky, was burned to the ground about three weeks ago and with it were destroyed 49 head of registered Holstein cattle. Many of these were purchased by Mr. Wilson upon a recent trip to New York State, at which time he bought a car load at one of the Liverpool sales. Mr. Bowles and Mr. Wilson are again in Central New York replenishing their stock and it is expected that they will return with about three car loads. The three firms dealing in Holstein cattle at Bardstown comprise together the largest Holstein organization south of the Ohio River. The work that they are doing is distributing Holsteins throughout the south is worthy of public commendation. In their home territory and in the north where they have been dealing recently, the the members of this firm are known particularly for their absolute honesty in business dealings. In selling animals to a customer, they guarnatee each animal and back up with unfailing regularity every guarantee that is made. These methods w'll aid the Holstein in popularizing herself in the south, and her popularity will be one of the means of that sections regeneration' through dairying and Holstein breeding.

Dr. B. B. Davis of Omaha, Nebraska reports a record of 30.05 upon Omaha Wayne Kalmuck, a junior 4 year old. Dr. Davis takes a great deal of pride in this record as the heifer is of his own breeding and developed by himself. Her dam and sire and both granddams were Nebraska bred animals and Dr. Davis therefore, looks upon her as entirely Nebraska product. Her sire was Dr. Davis' first herd sire, Kalmuck Skylark Johanna, a son of the long distance Katie Gerben. The Davis herd contains several daughters of this sire, which the owner thinks should do very well.

Chornita Posch, which Dr. Davis expected to increase the Nebraska state record, started in test at a 29 lb. clip but was unable to maintain her gait owing to the fact that she went off feed. She did not, therefore, increase her last year's record of 27.27. Dr. Davis reports his herd in very fine condition and that his junior herd sire, Rag Apple Korndyke Boon, can show a very fine bunch of heifer calves. All of the daughters of this sire are being retained in the herd for development.

The heifer, Pledge Pietje De Kol, owned by Frank Wessinger of Howell, Michigan, has fust completed a record of 20.49 of butter made from 397.5 of milk in seven days, freshening at the age of 2 years 4 months. She is sired by Cantrilla Hillside Pietje, whose first two dams average over 31 lbs.

F. J. Fishbeck, secretary of the Livingston County Holstein Breeders' Sale Company. writes that her full sister and nine daughters of the same sire, will be offered in the public sale to be held by this organization on May 17th at Howell.

The meeting of the Madison-Chenango Counties Holstein Friesian Breeders' Club scheduled for May 6th has been postponed one week, until May 13th. It will be held at the Sales Pavilion at Earlville. A. L. Brockway of Syracuse, who was to address the Club on May 6th, will be in Washington at that time with Secretary Houghton, representing the National Associatoin at the meeting of dairy interest held in that city. It is expected that Mr. Brockway will be able to attend the postponed meeting and that he will at that time furnish Madison-Chenango breeders with a report of the Washington conference.

There are now engaged in agriculture 375,000 persons in this state, out of the total population of 9,687,744. There are 57 cities in the state and 465 incorporated villages, both having a population of more than 8,000,000, leaving only twenty per cent in the rural districts, part of whom are engaged in agriculture.

High prices of farm products, the independence of farm life, good roads, improvement in educational advantages, prospective advance in land prices, and the assistance and instruction now given to agriculturists, is resulting. however, in a return to the land.

McAlister & Son report the purshace of two heifers from the McAdam herd at Utica. They are daughters of Star Rena Wayne Pietertje 2d and the price is made public at $5250 for the pair. Harold McAlister writes the World that he does not expect to come to the annual meeting in June held in Detroit, but that with his brother will visit the east again this fall in order to purchase several more carloads of cattle.

Herman Cheney, secretary of the New England Club, writes of the joint meeting of that club with the New Hampshire Club at Bellows Falls, Vt. on April 18. The coming Detroit meeting and matters pertaining thereto were discussed and delegates were chosen. The annual sale of the New England Breeders at Worcester was postponed until June 22-23 from May 22-23.

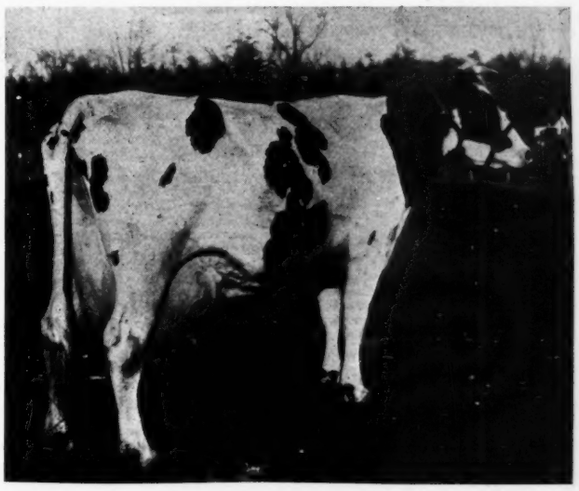
Keeping them on the Farm

IN the design and construction of the farmhouse, the question of utility alone should not be the determining factor. The first thought should be the making of a home. The amount of money to be invested in the building of the home should not be determined by its relation in size to the balance of the plant, nor by the amount that is necessary merely to provide a shelter, but the amount to be invested should be that which the owner may reasonably afford without financially crippling himself too severely. The average city dweller in buying a house for a home does not proceed solely on the basis of what he can expect to secure in case it is very desirable to place the house on the market. He is not likely to consider the purchase of a home as a financial investment, but as a social one, which will enable him to secure for his family the comforts and conveniences that he could not secure in a rented house, and to have for his family a genuine home, a genuine home life. If he is able when the time arrives to dispose of his property to financial advantage, well and good; if not, he considers, and properly so, that he has made a good investment from the social side.

There is no panacea that will cure the yearning for city life evidenced by the country boys and girls of today, but there are certain conditions which if established will add materially to the attractiveness in the country, and should therefore prevent then from flocking to the cities merely to avoid life on the farm. It is not to be expected that every person reared on a farm will desire to follow farming as a life work, nor is it necessarily desirable that they should do so. Many of the boys will feel a calling to one or another of the professions, and it is probable that if allowed to follow their bent, they will be far more successful and contented than if overpersuaded to stay with the farm. The problem is not to force the boy or girl to remain on the farm, but assist them in every way in making an intelligent choice. Their choice cannot possibly be intelligent unless they are familiar with farm life under its best conditions.—*E. B. McCormick, Chief, Division of Rural Engineering, Office of Public Roads and Rural Engineering, Yearbook, 1915, U. S. Department of Agriculture.*

The Library of the College of Agriculture, University of Illinois, requires a copy of the issue of October 17, 1914, Volume 3, No. 21, Western Edition. Any information regarding a spare number of this issue will be appreciated by F. T. Price, Eastern Editor, Holstein-Friesian World, Syracuse, New York.

Canada's First Forty-Pounder



MAY ECHO SYLVIA

May Echo Sylvia is the first 40-lb. cow developed in Canada. Owned in A. C. Hardy's Avondale herd, this magnificent cow has just completed a seven-day record of 41 lbs. of butter and 1005 of milk. Her best day's milk production was 148 lbs., which is a world's record. Mr. Hardy advises the *World* that May Echo Sylvia has a 30-day butter record of 168.70 and a milk production of 3800 lbs. He states she will make 4000 lbs. of milk in her best thirty days for milk production

Clubs and Associations

The S. W. N. Y. Holstein Breeders' Association held its April meeting, Saturday, April 23, at Kennedy, N. Y.; giving abundant signs at this session as to its aliveness to the problems of the breed and the time.

Wednesday and Thursday, September 27 and 28 were selected as the date of the annual consignment sale, to be held as usual at Dow Farms, Randolph. L. G. Kirkland, Walter G. Bently and R. H. Taylor, the same committee that made a success of the 1915 sale were re-appointed to have charge this year. Will breeders and breeders' publications please mark this down as reserved by the Southwestern New York association, September 27 and 28.

An invitation to send a delegate to the conference called by dairy interests at Washington was received and discussed. This association went on record in favor of any investigation of the dairy business as would show the purity and food value of its products, and establish more general confidence, but opposed to any investigation instigated by its enemies, the else makers lebby, to discredit dairy products. It was voted to write the congressman from this district Charles M. Hamilton, who is a farmer, informing him fully as to the views of the breeders, and ask him to represent this association at the conference

Resolutions endorsing the pasteurization of creamery and cheese factory by-products, and opposing any relaxation of requirements for the state veterinary license, were unanimously adopted.

Hon. C. M. Dow of Dow Farms, Randolph, talked informally of his recent trip to Central America. He described dairy methods there, and in particular of the large Holstein herds seen in Costa Rica. Milk is sold there by the glass, served with grated ginger, pulped palm, and a native corn is the chief feed. Holstein cows, poor grades, are worth $150 each. He considered it a good market for Holstein cattle, worth developing.

A discussion was had on method of advertising both as to surplus stock and milk, and greater efforts in publicity were urged on all members. The association will begin next month, a campaign of advertising surplus stock in nearby states.

President James Phelan of Phelandale presided at the meeting and local arrangements were in charge of W. C. Case, of Kennedy one of the directors of the associations. Plans were made for not less than three summer field meetings at various points in the association territory.

The Fulton Holstein-Friesian Association held a very enthusiastic meeting at the Court House in Wauseon, April 25, 1916. About twenty-five, members were present out of a total membership of fifty-one. This entitles the club to four delegates to the Annual Meeting in Detroit. The President, L. E. Connell of Fayette, the Secretary, J. C. Burr of Wauseon; W. L. Biddle of Swanton, and E. E. Spring of Tedrow, were elected to represent the organization. It was planned to make this trip to Detroit in automobiles and a committee announced that for a nominal charge, every member would be given transportation. An effort will be made to send a large representation to the Detroit meeting.

This Association is also behind a movement to secure an exhibit of pure bred Holsteins at the next County Fair. The Holstein Club and the County Fair Association have each appropriated $100 for special premiums. These premiums are to be competed for by members of the Holstein Association only.

While Fulton County is comparatively young in the dairy industry, it is the home of a number of extraordinary cows. Among these are Lindenwood Hope, a world's record senior four-year-old for one year, Crown Princess Maxie De Kol 2d, a world's record senior four-year-old in the 30 day division and Jolie Johann Netherland, who this last year made a semi-official test with an average of 100 lbs. of milk per day for the first 120 days.

The Fulton County Association was organized a year and a half ago. Its members are enthusiastic and a good attendance and good program characterize each meeting.

The regular quarterly meeting of the Montgomery County H. F. Breeders Association was held in the Grand Jury Room at the Court House, Norristown, Pa., Wednesday, May 3, 1916, at 1:30 p. m.

One of the most noted Holstein Breeders in the United States, Mr. Irving M. Avery, of Auray Farms, Sparta, N. J., consented to address the meeting.

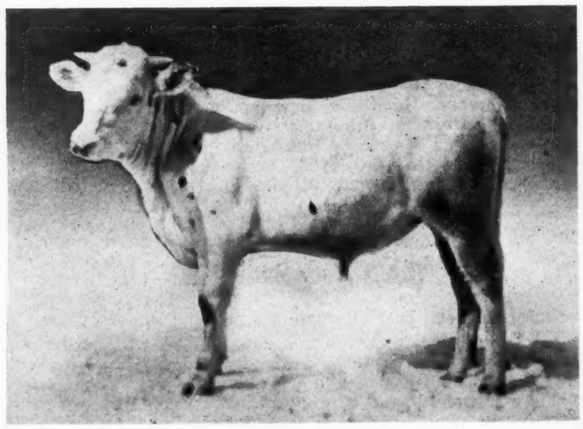
A MONEY MAKER!

Dutchland Creamelle Sir Winana

Who will Materially Increase the Prestige and Production of Your Herd !

Ideally Bred and a Splendid Individual

PRICE $400



Note His World's Record Blood Lines

HIS SIRE: **DUTCHLAND CREAMELLE KORNDYKE LAD**, the **World's Greatest Three Generation Bull**—backed for **three direct** generations by dams with 750 lbs. of milk each in 7 days and his **6 nearest dams** have all made **world's records** in their respective classes. Dam: **Dutchland Colantha Vale—22,750 lbs.** of milk and **857 lbs.** of butter (junior two year old.) Granddam: **Creamelle Vale—29,591.4 lbs.** of milk and **1155.85 lbs.** of butter. Great granddam: De Kol Creamelle **26,280 lbs.** of milk and **1000 lbs.** of butter—**all world's records** when made. **DUTCHLAND COLANTHA VALE** is now in **strictly official yearly work** and is a splendid candidate for the **world's yearly milk record**—up to date ahead of Tilly Alcarta both in milk and butter production.

HIS DAM: **DUTCHLAND PIETERTJE WINANA**—that made between **18 lbs. and 19 lbs.** of butter with first calf as a two year old, now heavy in calf and we expect her to make at least **25 lbs.** when she freshens. A granddaughter of **Pietertje Hengerveld's Count De Kol** (14 daughters above **100 lbs.** of milk) her sire being **Dutchland Sir Pietertje Hengerveld** whose daughters are making a remarkable showing, one recently made **31.43 lbs.**, another **29.45**, a third **27.68**, **a junior two-year-old** made **23 lbs.** and another **junior two-year-old 17,400 lbs.** of milk in the year. Second dam a splendid type animal and third dam—**Winana Pietertje De Kol 2nd** made **31 lbs.** of butter from **772 lbs.** of milk and gave as high as **117.7 lbs.** of milk in 1 day, the world's **record when made.**

DUTCHLAND CREAMELLE SIR WINANA'S SIZE, INDIVIDUALITY, AND PRODUCING ANCESTRY CHARACTERIZE HIM AS ONE OF THE GREAT BULLS OF THE FUTURE

He is ready for **immediate use**, heavily boned, especially well built, perfect top line, good depth of body and shows unusual constitutional vigor, and our price is very reasonable for a bull of his outstanding quality.

We solicit your inquiries but if interested, write us your acceptance at once.

FRED F. FIELD HOLSTEIN CO., Dutchland Farms, Montello Sta., BROCKTON, MASS.

Canadian Department

Notes by W. S. FAIRWEATHER

A. C. Hardy's second public sale will take place at the Avondale Farm, Brockville, Ont., on May 17th, 10:30 a. m., when some of the best will be offered to breeders of Holsteins.

May Echo Sylvia has added new laurels to her owner and to our favorites by being the first cow in Canada to make over 41 lbs. of butter in seven days from 854 lbs. milk. She now holds the WORLDS RECORD FOR MILK for one day, viz: 148 lbs. and will displace "Lakeview Rattler" as mature champion for Canada. The life of a champion is a short and merry one in these days of big records. She is still under test at the time of writing. The newest herd bull at Avondale is "Champion May Sylvia Pontiac", a son of May Echo Sylvia and Spring Farm Pontiac Cornucopia, Francis M. Jones son of the great 44.18 lb. cow, K. P. Pontiac Lass.

One of the best offerings will be May Echo Sylvia's year old grandson from her daughter May Echo Pontiac and King Pontiac Artis Canada, and sire by the great 44.18 lb. bull of F. M. Jones; the only bull in America having both grandsons with over 40 lbs. Average 42.60. There wlll be thirty daughters of "King Pontiac Artis Canada" ranging from 6 months to 3 years—all milking, have records 16 to 21 lbs. as 2 years old.

At least six daughters of "Woodcrest Sir Clyde" all youngsters of surpassing quality are included in ths sale.

"Alice Jenson" with a record of 29.12 lbs. butter for 7 days and 117 pounds for 30 days, and over 100 lbs. of milk in one day, will be offered. She is bred to "Champion" and is one of the leading offerings. "King Pontiac Artis Canada" has now 32 tested daughters—the most in Canada—among them 2 with over 23 lbs. 5 others over 21 lbs. and 8 from 19 to 21 lbs.—all as 2 year olds. and 2 of the 21 lb. records were made in other hands, viz: by G. A. Brethen of Norwood and K. M. Dalgleish, of Kenmore.

Many of the offerings are bred to May Echo Sylvia's son "Champion" for whose single services they have refused $500.00. Several others are bred to her other son, Avondale Pontiac Echo, sold last year for $5,000.00 to Dr. Harwood, of Vandreuill. The Breeders and Lovers of Holsteins cannot afford to miss this sale, as they will have an opportunity to secure some of the best that has ever been offered at Public Auction in Canada.

I am sure that the Canadian Breeders will tender their heartiest congratulations to A. C. Hardy for developing the first 40 lb. cow in Canada, also to his herdsman, H. H. Lynn who deserves great credit in putting her through such a great test after an attack of milk fever.

Continued on Page 1074

SPRINGVALE STOCK FARM

HOME OF THE JOHANNAS

We have one son of King Pieter Lyons whose six nearest dams average 32 lbs. of butter in seven days and out of a 16.80-lb. two-year-old-daughter of Sir Jonanna De Kol.

And two sons of Sir Pietertje Ormsby Mercedes 38th, whose dam has a three-year-old record of 34. 75 lbs. of butter in seven days and 139.09 lbs. of butter in thirty days, one out of a 14-lb. two-year-old daughter of King Pieter Lyons, and one out of an 18.75-lb. two-year-old daughter of Colantha Johanna Champion.

For sale cheap. Write for pedigrees and prices.

W. J. GILLETT & SON
ROSENDALE, WISCONSIN

FOR SALE CHEAP

We have a few sons of Korndyke Pontiac Pet, No. 55995, a 37-lb. sire, from good A. R. O. dams. Prices reasonable. If interested, write to Estate of Isaac Dalrymple for particulars, Otselic, N. Y.

Brothertown Pontiac Korndyke

Born October 26, 1915. Sire, **Dean Pontiac Korndyke 116056,** and he in turn is a son of one of the greatest sires of the breed, namely, **Pontiac Korndyke,** who has 123 A. R. O. daughters, nine of them with over 30 lbs., and not only is he famous for his daughters, but his sons are equally great. Further, **Dean Pontiac Korndyke** himself is a splendid individual. He is large, straight, beautifully marked, seven-eighths white and, best of all, his offspring are uniformly good. I have a large number of his daughters in my herd and every one of them will be retained and given opportunity to make A. R. O. records before parting with them. His dam, **Elzevere Barnum De Kol 69764,** 29.09 at four years, has a very nice A. R. O. record. She has six A. R. O. daughters whose records will continually grow better, one A. R. O. son and two others that will eventually have a large number of daughters. This shows the splendid line of breeding that this young bull inherits.

The dam of this young bull is **King Segis De Kol Korndyke Topsy 33.09,** a very promising senior 4-yr-old heifer in my herd. She is a very beautiful animal, straight and level, with a nice shaped udder, carrying out well in front with four well placed teats, is an easy milker and has just recently completed a very large record, as you will see by the pedigree.

The young bull, **Brothertown Pontiac Korndyke,** is a very nice individual, carrying out well over the rump; is seven-eighths white, beautifully marked and is right in every way. I cannot say too much in favor of the individuality of this young bull. He is exceedingly desirable in every way.

BROTHERTOWN FARMS

QUENTIN McADAM, Prop., 23 South Street, Utica, New York

Some Recent Public Sales

Recent sales indicate a refutation of statements that have indicated that the public sale is declining in favor as a medium for the distribution of pure-bred Holsteins. The Hunt sale at Fayetteville, N. Y., a report of which is given in full, is one notable example. The Sunflower sale at Oskaloosa, Kansas, conducted by F. J. Searle, is another. A detailed report of this sale appears also under this heading.

At Liverpool recently a large sale of nearly two hundred head of animals, many of which were not above average quality, averaged in price over $200 each. The Iowa sale at Waterloo last Saturday averaged for 87 head $198, which, considering the age and attainments of most of the animals offered, was very good. Out in California the public sale is growing in favor as the proper medium for the distribution of pure-bred stock. Mr. McAlister's report of a recent sale in that State published below in full detail is an indication of prices received.

F. J. Searle of Oskaloosa reports a successful consignment sale at that place on Tuesday, April 25th, consignments being from herds in the "Sunflower State." Very good prices were secured for the females in Mr. Searle's own herd. The sale was topped by a son of King of the Pontiacs, King Pontiac Moneta, out of Ruby Artis De Kol, an 18.54-lb. cow. The young fellow carried the very excellent individuality of his dam into the sales ring and this, with the reputation of his sire, caused A. J. King of Kansas City, Mo., to pay $475 for him. He was consigned by Charles Holston & Sons, Topeka, Kansas.

The highest selling female came from the consignment of Mr. Searle. She was Shadybrook Gerben Rosea 2d, a granddaughter of King Walker on the sire's side. O. Giacominie of Leavenworth, Kansas, paid $390 for her.

A consignment of daughters of King Segis Pontiac from the herd of R. E. Haeger at Algonquin, Illinois, brought fairly good prices, as did also some females from the consignments furnished by Mr. Searle and Charles Holston & Son. A detailed report of the sale follows:

F. J. Searle, Oskaloosa, Kansas.

Animals sold	Buyers	Prices
Pauline Boon 4th	Frank Vrtiska, Pawnee City, Neb.	$ 285.00
Pauline Boon Pontiac	Ross Grosshart, Tulsa, Okla.	175.00
Pauline Delmar 3d	E. M. Sutton, Blue Rapids, Kan.	260.00
Juliana Bess 2nd	S. V. Kincaid, Oakley, Kan.	330.00
Flora Eldora	Roy Johnston, South Mound, Kan.	280.00
Howland Clothilde Della	Leland N. McAfee, Topeka, Kan.	250.00
Violet Jane Segis	Leland N. McAfee, Topeka, Kan.	260.00
Goshen Shadeland Octavia	A. B. Wilcox, Abilene, Kan.	275.00
Pinecrest Sindt Tritomia	W. O. Young, Wagstoff, Kan.	300.00
Maggie Pontiac Boon	Roy Johnston, South Mound, Kan.	255.00
Maid of Eldorado Belle	Roy Johnston, South Mound, Kan.	315.00
Sunflower Topsy Eldora Belle	Smith & Hughes, Topeka, Kan.	205.00
Sunflower Clothilde Pontiac	Smith & Hughes, Topeka, Kan.	235.00
Johanna Colantha Maple 3d	Ross Grosshart, Tulsa, Okla.	340.00
Aaggie Bassano Johanna	Ross Grosshart, Tulsa, Okla.	275.00
Shadybrook Gerben Rosea 2d	O. Giacomine, Leavenworth, Kan.	390.00
No. 18½	Ed. Tolman, Cleburne, Kan.	105.00
Charles Holston & Son, R. 2, Topeka, Kan.		
Johanna McKinley Segis Pontiac	W. T. Brass, Lecompton, Kan.	150.00
Holston Madison Diamond Jewel	David Coleman, Denison, Kan.	200.00
Madison Gracie	O. Giacomine, Leavenworth, Kan.	175.00
Winona Tryantje De Kol 3d	H. B. Walter, Effingham, Kan.	230.00
Pontiac Maid 2d	Ross Grosshart, Tulsa, Okla.	230.00
Josie Mechthilde Pietertje 2d	A. B. Wilcox, Abilene, Kan.	225.00
Bessie Veno	A. B. Wilcox, Abilene, Kan.	225.00
Male No. 28	John Mowers, Muscotah, Kan.	115.00
King Pontiac Moneta	A. J. King, Kansas City, Mo.	47.00

(Continued on page 1067)

BULL CALF—Ormsby-Pontiac Combination

900 lbs. yearly average for two granddams. Dam 23.35 lbs. Senior two-year-old. On semi-official test, making 3 lbs. butter every day.

Fine individual, worth $600.00. Priced at $300.00 if he goes to the right herd. Write us at once.

C. C. FRIES & SON **Richland Center, Wis.**

King Korndyke Sadie Vale Poland

NO. 168077, BORN OCTOBER 5, 1915

A very fine individual, well grown; in color more than half black. Sire: King Korndyke Sadie Vale; his first seven daughters to freshen average 24.03 lbs. butter in seven days at an average age of 2-yrs. 5 mo. The first daughters of any other sire cannot approach this average. No other sire from the standpoint of breeding can approach King Korndyke Sadie Vale. His dam, the only 41-lb. cow having a 38-lb. daughter, is herself a daughter of the first 30-lb. cow, Sadie Vale Concordia. Few other sires are having the opportunity that is being given King Korndyke Sadie Vale. His young sons and daughters that are coming on will bear comparison with the get of any other sire, both with respect to individuality and inherited transmitting power.

Dam of calf is a 22-lb. two-yr-old daughter of Sir Korndyke Pontiac Artis.

This is a very promising heifer and will improve her record in the future, barring acidents.

Sir Korndyek Artis now has 50 A. R. O. daughters and their average compared with the other sires is very high, standing ahead in several divisions.

Sons of King Korndyke Sadie Vale are selling cheaper now than they ever will in the future. If you are going to buy, why not get in line before it is too late?

You will all want one of his sons in the future.

W. D. ROBENS POLAND, N. Y.

Rules for Future Sales

An important advance in the method of conducting public sales is embodied in the resolution given below, which was adopted at a meeting of the stockholders of the Syracuse Sale Pavilion Company, held April 28th at Syracuse.

Heretofore the managers of sales had no means to enforce an inspection provision for animals sold at public sales at this point; but with the new ruling back of them, sales managers will be enabled to insist that each consigner offer only animals that come up to this standard as laid down in this resolution. Representatives from the leading sales companies of this vicinity were present at the meeting, and the resolution, after discussion, was passed unanimously.

The resolution as adopted follows:

All animals hereafter offered for sale in the Syracuse Sale Pavilion must pass inspection after arrival at the sale barn, by a committee appointed by the Corporation, and no animals rejected shall be allowed to enter the sale ring.

All animals offered must be under nine years old, absolutely sound, in suitable sale condition, and free from physical indication of disease. All animals six months old or older, at time of sale, must have passed a tuberculin test, conducted by a state-authorized veterinarian.

All females offered that are three years old or older, must have produced a living calf within one year or show unmistakable evidence of being in calf at time of sale; and every animal of either sex must be guaranteed a breeder.

Every animal offered must be pledged to absolute sale, and every discovered violation of this rule will debar the offending consignor from the future privileges of the sale pavilion.

A copy of the foregoing resolutions shall be published in full on all entry blanks and in all catalogs used for sales conducted in the pavilion, and shall form a part of the rules of entry to which each consignor shall subscribe.

It will be the policy of the Sale Corporation to suspend these rules in the case of a sale that shall be announced as a "rummy" sale, and so described in every published advertisement and also in the title-page of the catalog of said sale.

Damage by Wire Worms

Corn wireworms damage cereal and forage crops in the Middle Atlantic States, the New England States and the Mississippi Valley. They are reddish-brown in color, about one and one-fourth inches long, cylindrical in shape and have three slight lobes or projections on the tail. These insects spend a considerably longer time in the soil than the wheat wireworm. In some cases they have been known to live in the ground as long as six years. On the other hand, they are almost exclusively confined to poorly drained and heavy soils. For this reason heavy limning and thorough tile draining will undoubtedly prove beneficial in their control.

Grand View Herd

HERD SIRE, SPRING FARM KING AGATHA 113056

His dam, Spring Farm Agatha Pontiac at 3 yr., 1 mo., 30.67. Her dam, Agatha Pontiac at 4 1-2 yrs., 36.90 (world's record when made.)

His sire's dam, Tweede White lady 37.45 average for 3 nearest dams 35 lbs.

His First Daughter, Beryl Waldorf Agatha at 1 yr., 10 mo., 10 days 410.5 lbs. milk 22.02 lbs. Butter (world's record).

A few bulls sired by Spring Farm King Agatha and from dams with records from 20 lbs. as 2 year olds to 32 lbs.

Write for particulars stating just what you want.

WATKINS BROS.
CAMDEN, N. Y.

Square Deal Absolutely!

This was our guarantee previous to our April 5th and 6th sale. We made good. We refer you to two of our heaviest buyers, W. S. Moscrip, Lake Elmo, Minn., and W. H. Whitacre, Cleveland, Ohio.

We have some choice male calves to offer.

Inter-County Holstein Association
Francis Darcey, Sec'y **Watertown Wisconsin**

POLLED HOLSTEIN BULL

About one-half white, 14 months old, well grown—has small scours on loose horns. Dam, a senior 3-year-old whose 7-day record is 23.3 lbs. butter; 30 day record 93.5; 365 days record 20,911.9 lbs. milk and 836.92 lbs. butter. Sire's dam, a senior 4-year-old, a prize winner last year, has a 7-day record of 23.73 lbs. butter and a 30-day record of 94.96 lbs.; 293-day record of 17,626.4 lbs. milk, 750.83 lbs. butter. Average of two nearest dams 7 days 576.6 lbs. milk, 23.49 lbs. butter; 30 days, 2425.2 lbs. milk, 94.26 lbs. butter; semi-official, 19,219.2 lbs. milk, 793.82 lbs. butter. The dam of this bull stands eighth in the breed list of senior 3-year-olds semi-officially. She is due to freshen again in June and we consider her a good prospect for 30 lbs. or more. First check for $500.00 takes him. Catalogue for stamp.

GEO. E. STEVENSON & SON, CLARKS SUMMIT, PA.

THE REPUTATION OF A GREAT HERD

Is staked on the combination of the blood of King Lyons with that of King Segis, and it is giving results. The young daughters of King Segis lead the world for average quality, and we have more of his high record daughters than any otehr breeder in the country.

How Does This One Suit You?

A son of King Lyons, from Segis Allie, a 18.55-lb. 2-year-old daughter of King Segis. Second dam a 22-lb. 3-year-old daughter of Homestead Girl De Kol Sarcastic Lad, and full sister to the sire of Sadie Vale Concordia 4th Pietje 38.43 pounds of butter in seven days. This calf is in New York State at our Rock Stream Farm, where he was raised, and will be sold quickly at our price. There is absolutely nothing better at any price. For complete information address

HAWTHORNE FARMS COMPANY
Main Office and Farms, Barrington, Illinois.
New York Farms, Rock Stream, New York.

A Report from Otsego

The Holstein has demonstrated her ability as a producer in another quarter of Ostego County. Mr. H. Bernard has recently made seven-day records on six cows at his Sparrow Hawk Farm, ranging from 16.8 pounds to 25.8 pounds. The 25-pound cow made 516 pounds of 4.1 per cent milk in seven days and 2061 pounds of milk and 103.05 pounds of butter in 30 days. During the month of May, 1915, there were 10 cows in milk on the farm, one of which was due to freshen last August. During the month the Borden plant at Schenevus received 15,974 pounds of milk from the 10 head. Mr. Bernard is making some excellent offerings from his herd.

Michigan Clubs Affiliate

On April 26th there was organized at Gaylord, Otsego County, Michigan, a Holstein-Freisian Association to be known as the Northeastern Michigan Holstein Friesian Associotion. This territory comprises about twelve counties inthe northeastern portion of the state, and the Association unites under the head of this one body all the Holstein-Friesian interests in that section of the state. This association taken in connection with the Grand Traverse Holstein-Friesian Association, the Western Michigan Holstein-Friesian Association, the Central Michigan Holstein-Friesian Association, the Saginaw Valley Holstein-Friesian Association, and the Pontiac and Eastern Michigan Holstein-Friesian Association, together with a large number of separate County Associations, furnishes guarantee that the interests of Holsteins are well cared for in the State of Michigan.

Water in the Stable a Necessity

THE BUCKLEY DEVICE

for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

Poughkeepsie Foundry & Machine Co.
POUGHKEEPSIE, N. Y.

BLUE BOOK

Every Holstein-Friesian Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 26th volume? You cannot afford to be without it. All experienced breeders consider the book indispensible in tracing the breeding and relationship of A. R. O. animals. The 26th volume has been ready for distribution since November 1st. It contains 1,170 pages of condensed information relating to Holstein-Friesian cattle, including the whole Advanced Register of last year. The Official name of the book is Advanced Register Year Book, and the price is $2.00 per copy, to all alike. A limited number of the 24th aud 25th volumes is yet on haud. Be sure to designate which volume you want and send all applications with price to:

M. H. GARDNER, Supt. A. R.
Delevan, Wis.

A— FUTURE DATE—

Announcement

We will hold on

June 14-15

at Columbus O.

A SALE OF HOLSTEINS

Keep this date in mind

Liverpool Sale and Pedigree Co., Inc.
Liverpool, : New York

We have room in the sale for a limited number of additional consignments.

Avondale Farm, Brockville, Can.

Second Public Sale, May 17, 1916, 10:30 a. m.

Home of MAY ECHO SYLVIA, 41 lbs. butter. Best Day, milk, 148. Her son, sired by Francis M. Jones' 44-pound bull, has been bred to many of the females offered. His dam and sire's dam average 42.60 lbs. Among the offerings are:

Thirty daughters of **KING PONTIAC ARTIS CANADA,** a son of King of the Pontiacs and Pontiac Artis (31.62), all in milk, with good records of their own and with high testing dams. **Three offered from 20 to 21.65 lbs.** at two years. King Pontiac Artis Canada has **32 tested daughters, five with 22 to over 23 lbs.** Twelve others over 19 lbs., all as two-year-olds.

ALICE TENSEN—a grand show ring winner, with 29.12 lbs. in 7, 117 lbs. in 30 days, and over **100 lbs. a day** of milk. Bred to the **May Echo Sylvia bull.**

A fine heifer whose dam, now in test with over 29.75 lbs., is a daughter of a 31.76-lb. daughter of King Segis and King Pieter.

SIX beautiful young daughters of **WOODCREST SIR CLYDE,** who is a son of Pietje 22d Woodcrest Lad and Alma Clyde (33.06 lbs.).

A great young yearling bull will be offered—**MAY SYLVIA PONTIAC CORNUCOPIA**—a son of a daughter of **MAY ECHO SYLVIA** and sired by the same **44-lb.** bull. He is the only bull to have **44-lb.** and **41-lb.** grandams. A fine individual.

Several other bulls up to 32 lbs., son of **King Pontiac Artis Canada.**

The finest lot of young stuff ever offered in Canada.

Come and see May Echo Sylvia **and her son,** anyway.

An all day's sale at 10:30. Lunch on the grounds.

A. C. HARDY, Prop., Brockville, Canada

Western Connecticut Holstein Breeders' 3rd Annual Sale at New Milford, Conn.

MAY 11

75 Head Registered Holsteins, Including

A daughter of the $50,000 bull
A daughter of King of the Pontiacs
A daughter of King Segis De Kol Korndyke
A grandson of King of the Pontiacs, by a 31 lb. cow
A granddaughter of King Segis by a 29 lb. cow
A 27 lb. cow dranddaughter of Hengerveld De Kol and Johanna Rue 3 Lad.

And several others from 20 tc 27 lbs.

These cattle have been selected by the sale committee and have individuality as well as breeding and are in calf to sons of King of the Pontiacs, King Hengerveld Segis and Rag Apple Korndyke 8th.

E. A. HUTCHINS, Sales Manager KELLEY & HAEGER, Auctioneers

For Catalogs write Sale Committee

W. J. ATCHISON, Boardman, Conn.
W. J. CLARK, 2nd New Milford, Conn.
C. P. FARRAND, Washington, Conn.

THAT DECORATION DAY DISPERSION SALE

MAY 29-30, 1916, SALE PAVILION, ALGONQUIN, ILL.

200 Head Holsteins of Real Quality and Breeding will be Offered

THE BIG FEATURE OF THIS SALE

Will be about **60 Daughters** of **King Segis Pontiac.**

The best **Individual Lot** of daughters ever in a **Public Sale** by one **Great Sire.**

To see the heifers and their pedigrees is the only way to appreciate the **Extreme Quality** we are offering you.

It's the one **Golden Opportunity** of a life time.

Also daughters of Pontiac Korndyke, Paul Beets De Kol, King of the Pontiacs, Johanna McKinley Segis, Woodcrest Hengerveld De Kol, Oakland Paul Beets Burke and other good sires.

Mostly young cows with size and quality combined with nice official records and nearly all bred to King Segis Pontiac which will give you a combination to be found in no other sale or place.

A few **HIGH CLASS BULLS** sons of King Segis Pontiac, Johanna McKinley Segis, King of the Pontiacs and Hengerveld De Kol. These are real Herd Bulls.

WE ADVERTISE what we have and
HAVE WHAT WE ADVERTISE. Come and see.

Herd is Federal inspected and Tuberculin Tested by U. S. B. A. Industry.

Circulars ready to mail now. Catalogue later. Mailed on application only.

R. E. Haeger, Box W., Algonquin, McHenry Co., Ill.

Keep a Record of What You Write

BUSINESS MEN recognize the importance of keeping carbon copies of every letter, contract and transaction. It is a protection against forgetfulness, errors and dishonesty. One of the reasons why farmers should use typewriters is that is enables them to keep on file complete records of correspondence, crop reports and whatever is necessary to put farming on a business basis.

Fill Out this Coupon and Mail TODAY

L. C. SMITH & BROS. TYPEWRITER CO.
SYRACUSE, N. Y.

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( ) **Send me free catalogue.**
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( ) **What about trading in old machines?**

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State .....

A. R. O. TEST BOOKS

Do you have anything to show for the day by day production of your high record cows?

A business-like book for keeping eighty official records in detail. **Price 65c book, 2 for $1.00.**

If your cows are profit producers, it will show to best advantage on our heavy manilla daily record milk sheets.

Space for 15 cows... 50c per doz.
Space for 20 cows.....50c per doz.
Space for 25 cows.....60c per doz.
Space for 30 cows.....60c per doz.
Space for 35 cows.....75c per doz.
Space for 40 cows.....75c per doz.
Space for 45 cows.....75c per doz.

We pay Postage.

THE CORSE PRESS
SANDY CREEK, N. Y.

WANTED--A manager for a Holstein Herd. Write giving terms, experience and reference to

R. C. COLLIS, Canastota, N. Y.

Reported Tests of Holstein-Friesians

During the period from March 16th to 22d, 1916, the reports of tests of 575 animals were received and have been accepted to entry in the Holstein-Friesian Advanced Register Year Book, of which twenty-five were extended to fourteen days, one to twenty-one, forty-nine to thirty, four to sixty, and one to seventy-five days. This herd of 575 animals, of which over one-half were heifers with first or second calves, produced in seven consecutive days 241,276.8 pounds of milk, containing 8,525,225 pounds of butter-fat, thus showing an average of 3.53 per cent fat. The average production for each animal was 419.6 pounds of milk, containing 14,826 pounds of fat.

FULL AGED CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Aaagie Wayne Peep 131420 (Aaggie 3d's Wayne Paul De Kol)	6	2	10	10	657.2	4.21	27.674
B., L. L. Herrington, Chardon, Ohio. O., E. C. Schroeder, Moorhead, Minn.							
Hengerveld Pondyke Butter Girl 123562 (Kinge Hengerveld Pondyke)	6	9	27	17	711.8	3.47	24.718
Record for 14 days				10	1307.5	3.47	45.386
B., C. G. Williams, Wooster, Ohio. O., A. H. Beardsley, Elkhart, Ind							
Pietje Belinda 282239 (Milk & Butter Prince 47371; dam 2822238) (30 days)	6	3	3	30	3022.4	3.23	97.590
Record for 60 days				6	5603.4	3.25	182.043
B., Mary A. Steves, Stevenson, B. C. O., Carnation Farms, Seattle, Wash.							
Frances Sarcastic 2d 101550 (Aaggie Paul Beets De Kol)	8	11	8	11	663.0	3.62	23.972
B., K. C. McWilliams, Shamokin, Pa. O., C. E. Erdley, Lewisburg, Pa.							
Jane Cable 105550 (Onawyta Prince)	7	8	16	18	498.2	4.73	23.667
Record for 30 days				7	2044.5	4.71	96.366
B., H. W. Mann, West Eaton, N. Y. O., Austin M. Sabine, Lebanon, N. Y.							
Uneeda Korndyke Charlotte 162281 (Johanna McKinley Segis)	5	3	16	7	490.6	4.79	23.478
B., F. J. Bristol & Sons Co., Oakfield, Wis. O., John Arfmann, Middletown, N. Y.							
Arcady Pontiac Pietretje Beets 108953 (Pontiac Hengerveld Parthenea)	7	11	25	14	590.3	3.87	22.820
B., E. E. Cady, Brooklyn, N. Y. O., Christopher Graham, Rochester, Minn.							
Johnston Lincoln Karen 137411 (King Karen)	5	10	2	9	526.6	4.27	22.469
Record for 30 days				6	2260.3	3.90	88.247
B., W. D. Poage, Stuart, Neb. O., O. J. Grover, Glyndon, Minn.							
Aaggie Cornucopia Pauline 2d Posch 115360 (Alta Posch's Son)	10	0	11	74	594.8	3.76	22.349
B., H. D. Roe, Claremont, Cal. O., Fred F. Field Holstein Co., Brockton, Mass.							
Neith Witteen De Kol 214786 (Royal Pontiac Sir Sadie Julip)	5	10	1	17	613.2	3.64	22.347
Record for 14 days				10	1146.7	3.66	42.011
B. & O., Gustav Brickbauer, Elkhart Lake, Wis.							
Franeker Pride 2d 124981 (Sunnyside Homestead De Kol)	7	5	24	51	692.4	3.20	22.134
Record for 30 days				32	2843.9	3.21	91.204
Record for 60 days				6	5319.8	3.40	180.708
Record for 75 days				6	6578.7	3.37	221.509
B. & O., John Steele, Oconomowoc, Wis.							
Dutchland Hengerveld Winana 132796 (Dutchland Sir Pietertje Hengerveld)	5	10	13	10	511.3	4.31	22.026
Record for 30 days				6	2259.4	4.01	90.509
B., Fred F. Field, Brockton, Mass. O., Fred F. Field Holstein Co., Brockton, Mass.							
The Captain Grizzella Maid 170606 (The Captain)	5	1	25	34	604.1	3.64	21.997
B., Geo. G. Paxton, Houston, Pa. O., C. L. Clark, Chicago Junction, Ohio.							
Mercedes Pietertje Pontiac (King of the Pontiacs)	6	9	15	6	475.9	4.58	21.816
B., William Hunter, Fulton, N. Y. O., Stevens Brothers Co., Liverpool, N. Y.							
Penopa Lass 130010 (Prince De Kol Johanna Kuperus)	5	11	17	15	673.9	3.23	21.239
B., George C. Coles, Solsville, N. Y. O., S. Blaine Lehman, Chambersburg, Pa.							
Pauline Pietertje Johanna 127685 (Sir Pietertje Posch Butter Boy)	6	2	11	15	621.7	3.46	21.509
B. & O., H. G. Vail, Damascus, Pa.							
King Pontiac Calypso Rockwell 173556 (King Pontiac Calypso)	5	2	19	8	463.0	4.58	21.226
B., Sanford R. Clark, Onondaga Valley, N. Y. O., Highland Rim Holstein Co., Inc., Winchester, Tenn.							
De Kol Gerben 2d 133712 (Aaggie Lad Colantha)	7	3	13	25	544.4	3.82	20.809
B. & O., H. Renaud, Phoenix, Ariz.							
Kishie Queen Korndyke De Kol 161772 (Sir Korndyke Zoldusky De Kol)	5	3	0	8	434.9	4.73	20.557
B. & O., Charles Van der Schaaf, Sparta, Wis.							
Happy Home Edith Ormsby 141643 (Knight Errant)	6	2	12	14	506.4	4.05	20.526
B., W. A. Katzman, Springfield, Wis. O., J. H. Henderson, Elkhorn, Wis.							
Yankee Lefa Hark 127080 (Yankee Hark)	6	11	0	13	557.8	3.68	20.520
B. & O., James Phelan, Forestville, N. Y.							
Fanny Changeling Abbekerk 145981 (Tidy Abbekerk Prince)	5	10	16	25	514.1	3.99	20.490
Record for 21 days)				16	1524.4	3.84	58.526
B., Geo. F. Blewer, Newark Valley, N. Y. O., Fred A. Blewer, Oswego, N. Y.							
Uneeda Korndyke Cressie 162297 (Korndyke Hengerveld Artis)	5	0	24	6	462.0	4.42	20.440
B., F. J. Bristol & Sons Co., Oakfield, Wis. O., John Arfmann, Middletown, N. Y.							
Ruth De Kol Daw 195019 (Pel Paul De Kol)	6	4	1	14	601.3	3.39	20.369
B., A. W. Green, Middlefield, Ohio. O., G. H. Gardner, Unionville, Ohio.							
Shadeland De Kol Princess 2d 124892 (Crown Pontiac Butter Boy)	6	6	13	9	573.8	3.55	20.346
B., Edward H. Marshall, Ithaca, N. Y. O., Bennett & Latzer, Wellsboro, Pa.							
Otsego Korndyke Cornucopia 143357 (Concordia Korndyke Alban)	5	2	26	8	476.3	4.27	20.326
B., D. J. Wood, W. Winfield, N. Y. O., A. R. Fairbank, DeWitt, N. Y.							
Kayewood Rose 139423 (Colonel Douglass Korndyke)	6	0	22	6	532.8	3.81	20.319
B., A. P. Kaye, Walworth, Wis. O., Laurence F. Murphy, Hartford, Wis.							

Netherland Bessie Johanna De Kol 145264 (Pride De Kol of Wayside)	5	6	15	9	483.3	4.20	20.315
B., C. M. Davis, Corliss, Wis. O., Isaac Stephenson, Kenosha, Wis.							
Genesta Changeling 126885 (Changeling Butter Boy)	6	3	11	40	527.7	3.80	20.039
Record for 30 days				21	2255.5	3.65	82.391
B., Geo. F. Blewer, Newark Valley, N. Y. O., F. W. Scott, Granville, N. Y.							

(This list includes each animal in report making 25 lbs. butter or over.)

SENIOR FOUR-YEAR CLASS

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Dorinda Lilith De Kol 162612 (Sir Lilith Veeman De Kol)	4	10	18	9	575.4	3.83	22.037
Record for 14 days				7	1128.6	3.79	42.768
B., W. B. Jerald, Mansfield, Pa. O., George E. Page, Gelatt, Pa.							
Viscount Jessie Jewel De Kol 178014 (Viscount De Kol)	4	10	20	19	510.2	4.17	21.253
Record for 30 days				6	2002.2	4.00	80.003
B. & O., Jacob S. Brill, Poughquag, N. Y.							
Spring Valley Violet Longfield 165917 (Piebe Longfield De Kol	4	11	13	9	599.7	3.54	21.241
B. & O., C. Tochterman, Jr., Monroe, Wis.							
Dijkstra Artis De Kol 2d 153924 (Pietje Pender)	4	11	29	22	527.2	3.97	20.955
B., A. F. Siegfried, Clarks Summit, Pa. O., Miller Brothers, Clarks Summit, Pa.							
Monona Josephine 157363 (Monona Sir Dutchland Pontiac)	4	8	14	7	532.5	3.83	20.403
Record for 14 days				6	1086.1	3.59	39.039
B., F. W. Allis, Madison, Wis. O., H. B. Favill, Lake Mills, Wis.							
Woodcrest Ina De Kol 3d 153889 (Homestead Girl De Kol Sarcastic Lad)	4	9	22	22	462.1	4.26	19.702
Record for 30 days				10	2039.1	3.90	79.571
B., J. W. Dimick, Rifton, N. Y. O.,Woodcrest Farm, Rifton, N. Y.							
De Cole Bleske Beryl Wayne 2d 172330 (King Barnum Fayne)	4	11	3	7	493.0	3.92	19.311
B., C. M. Elliott, Fowlerville, Mich. O., J. Robert Hicks, St. Johns, Mich.							
Yankee Lefa 176546 (Dutchland Colantha Sir Inka)	4	8	23	6	547.3	3.50	19.165
Record for 30 days				6	2318.2	3.34	77.537
B. & O., James Phelan, Forestville, N. Y.							
Fairmont Pontiac Pet 177871 (Pldege Spofford Calamity Paul)	4	11	9	13	451.6	4.05	18.302
B., John Arfmann, Middletown, N. Y. O., H. C. Gates, Canton, Pa.							
Maud Pietertje Segis 172255 (Sir Pietertje Posch Butter Boy)	4	6	6	17	571.9	3.20	18.276
B. & O., H. G. Vail, Damascus, Pa.							
Pauline King Pontiac 161063 (King Pontiac Topsy)	4	10	11	14	546.4	3.34	18.271
Record for 14 days				7	1019.1	3.51	35.817
B., E. W. Ecker, Hartfield, N. Y. O., Fred Morrison, Jr., Bayle City, Ill.							
Lady May Flower Aaggie 173932 (Cloverdale Pietertje Posch)	4	10	5	16	607.9	3.00	18.233
Record for 14 days				9	1152.0	3.10	35.751
B. & O.,, Mrs. Maria E. Gunderson, Oconomowoc, Wis.							
Princess Mercedes Piebe 3d 173267 (Johanna De Colantha Champion)	4	10	20	12	577.8	3.13	18.069
Record for 30 days				9	2436.5	2.82	68.821
B., John Erickson, Waupaca, Wis. O., Carnation Stock Farms, Seattle, Wash.							
Contest Crown Cornucopia 158324 (Dutchland Colantha Contest Boy)	4	7	28	19	520.1	3.39	17.636
Record for 30 days				6	2119.5	3.35	70.938
B. & O., M. S. Nye, Preble, N. Y.							
Piebe Pauline Madrigal 2d 161815 (Prince of Hillsboro)	4	11	7	7	397.4	4.38	17.391
B., J. E. Gormley, Jefferson, Wis. O., Gormley Brothers, Jefferson, Wis.							
Clarodina Kakenstein De Kol 183397 (Lad Legend of Kakenstein 2d)	4	10	8	6	444.5	3.80	16.889
B., Clinton Brown, Portersville, Cal. O., E. B. Brown, N. Yakima, Wash.							
Nealie De Kol Artis 4th 169921 (Butter Boy Hengerveld Jewel 3d)	4	9	11	6	436.6	3.84	16.768
B., O. G. Gridley, Kirkville, N. Y. O., H. B. Favill, Lake Mills, Wis.							
Country Life Hengerveld Betsy 165067 (Sir Hengerveld Pontiac)	4	10	18	8	457.3	3.63	16.621
Record for 30 days				6	1997.6	3.38	67.436
B., Harry D. Wheeler, W. Winfield, N. Y. O., H. H. Wheeler, W. Winfield, N. Y.							
Hillview De Kol Bonnibel 5th 176827 (Mechthilde Cornucopia Lad)	4	7	10	8	505.9	3.26	16.480
B., Floyd Green, Andover, N. Y. O., Bennett & Latzer, Wellsboro, Pa.							
Princess of Netherland 3d 152986 (Korndyke Netherland Wayne De Kol)	4	9	24	26	450.9	3.65	16.476
B., Henry Hosterman, Hartford, Wis. O., Laurence F. Murphy, Hartford, Wis.							
Locust Grove Inka De Kol Jewel 164157 (King Pontiac Jewel)	4	10	21	24	467.7	3.47	16.246
B., C. H. Chase, Burlington Flats, N. Y. O., W. C. Hunt, Fayetteville, N. Y.							
Miss Pauline Whitney 2d 161817 (Prince of Hillsboro)	4	10	4	13	388.2	4.18	16.230
B., J. E. Gormley, Jefferson, Wis. O., Gormley Brothers, Jefferson, Wis.							
Bonalevo Spofford Uneeda Burke 156934 (Prince Ybma Spofford 29th)	4	7	0	22	410.1	3.95	16.206
Record for 30 days				12	1640.1	3.90	63.972
B., R. E. Chapin, Batavia, N. Y. O., H. H. Wheeler, W. Winfield, N. Y.							
Jessie Mandane of Alderly 3d 174764 (Aaggie Cornucopia Johanna Lad Jr., 6th)	4	7	11	36	488.4	3.29	16.070
Record for 14 days				7	942.6	3.30	31.111
B. & O., John Steele, Oconomowoc, Wis.							

(This list includes each animal in report making 20 lbs. butter or over.)

JUNIOR FOUR-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Duchess Lucy Mercedes 176331 (Long Meadows Duke)	4	0	27	32	513.0	5.37	27.541
Record for 30 days				10	2112.5	4.98	105.205
B. & O., M. J. Smiley, Bellefourche, S. D.							
Lady iPetertje Fox 177231 (Sir Johanna Fox)	4	4	5	11	545.2	3.76	20.520
B., Mrs. Nellie B. Broadhurst, Marcellus, N. Y. O., A. R. Fairbanks, DeWitt, N. Y.							

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The Disinfecting White Paint

A snow white mineral paint combined with the most powerful germicide known to science. Kills lice, mites, nits and fly eggs. Keeps the germs of white diarrhea, roup, cholera, glanders, foot and mouth disease,etc.,from becoming epidemic in flocks and herds. Paints and disinfects at the same time.

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Holstein Bulls

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Of the head of the herd and a daughter of Willowbridge Butter Boy De Kol 2d, 36142, butter 2 years 18.078 lbs. in 7 days —next dam, granddaughter of King Segis born February 7, 1916—nicely marked about half and half.

OTTO L. IVES Guilford, N. Y.

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Cured and Prevented

Treatment with **Cura-Bos** requires NO cooking, special foods, nor arduous methods of deeding. It is easy to give and quickly effective.

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78 COMMERCE STREET
BINGHAMTON, N. Y.

Manufacturers also of Save-the-Horse Remedies. **Book Free.**

For Greatest Satisfaction Use
DOUBLE SERVICE Automobile Tires
Guaranteed 7,000 Miles Service
Absolutely Punctureproof

Double Service Tires are made double the thickness of the best standard make tires.

This 100% greater wearing surface naturally gives that much more mileage and service. The average of 12 miles of tough fabric and one inch surface tread rubber makes these tires *absolutely punctureproof.*

These tires excel all others for use in the country over rough and rugged roads as well as on hard pavements. They are as easy riding and resilient as any other pneumatic tire—the air space and pressure being the same.

They are the *most economical* and "care free" tires made and are used where tires must be depended on and tire troubles cannot be tolerated. Many *Double Service* style tires are in use in the U. S. government and European War service.

Our output is limited to a certain amount, but for a short time we offer the following reduced special prices as an **Introductory Offer:**

PRICES

	Tires	Tubes		Tires	Tubes
30x3 in.	$ 8.60	$2.30	36x4 in.	$17.45	$4.65
30x3½ in.	10.85	3.10	35x4½ in.	21.20	5.60
32x3½ in.	12.75	3.20	36x4½ in.	22.50	5.75
33x4 in.	15.75	4.20	37x4½ in.	23.60	6.20
34x4 in.	16.70	4.35	37x5 in.	26.30	6.60

All other sizes not included in above list also furnished. Non-skids at 10% additional.

Terms: Payment with order at above special prices, a 10% discount allowed on orders for two or more tires. All personal checks must be certified.

Try these tires now and be convinced of their very high qualities. Sold direct to the consumer only.

Descriptive folder upon request. Write for it.

Double Service Tire & Rubber Co., Akron, O. Dept.

Mercedes Wayne Pietje 176097 (Pietje Cornucopia Paul De Kol)	4	1	3	12	515.2	3.89	20.062
B. & O., G. D. Tinsman, Williamsport, Pa.							
Dijkstra Korndyke Girl 171548 (Earl Korndyke Torret 2d)	4	1	10	21	445.9	4.35	19.400
B., Arthur J. Miller, Clarks Summit, Pa. O., Miller Brothers, Clarks Summit, Pa.							
Monona Sandy Pond 164606 (Monona Sir Dutchland Pontiac)	4	3	9	12	568.5	3.41	19.386
Record for 30 days				9	2464.0	3.18	78.422
B., F. W. Allis, Madison, Wis. O., H. B. Favill, Lake Mills, Wis.							
Nellie Pauline Johanna 2d 156283 (Sir Sadie Cornucopia 8th)	4	3	25	6	470.8	4.05	19.089
B. & O., H. G. Vail, Damascus, Pa.							
Belle Ormsby of Bonnie Meade 206333 (Sir Aaggie Ormsby)	4	3	7	11	502.6	3.71	18.647
B., J. W. Hutchinson, Randolph, Wis. O., Herbert W. Jones, Amity, Ore.							
Aaggie Cornucopia Pauline Girl 2d 185658 (Pietertje Korndyke Mechthilde)	4	2	12	11	491.5	3.78	18.579
B. & O., A. E. Robinson, Montrose, Pa.							
Arlep Korndyke Madrigal 176371 (Earl Korndyke Torret 2d)	4	3	14	40	530.2	3.38	17.608
B., Lackawanna Breeders' Association, Clarks Summit, Pa. O., F. F. Resseguie, S. Gibson, Pa.							
Hartwood Rue Karen 168807 (Skylark Chief Karen)	4	2	22	36	494.7	3.61	17.858
B. & O., H. Stillson Hart, Barrington, Ill.							
Susan Pontiac Korndyke 207262 (Oakland Paul Beets Burke)	4	2	2	18	597.0	2.91	17.383
B., R. E. Haeger, Algonquin, Ill. O., Carl H. Brugger, Fond du Lac, Wis.							
Uilkje Jenne Major 180821 (Uilkje Son)	4	3	15	11	459.2	3.71	17.050
B. & O., E. D. Ellsworth, Meshoppen, Pa.							
De Kol Butter Boy Belle 2d 180769 (Highlawn Ondinus)	4	3	16	13	496.5	3.40	16.862
B., W. F. Schilling, Northfield, Minn. O., A. E. Smith, Sumas, Wash.							
Fanny Clyde De Sol 3d 179465 (Changeling Butter Boy)	4	5	22	34	453.6	3.71	16.826
B., Geo. F. Blewer, Newark Valley, N. Y. O., Fred A. Blewer, Owego, N. Y.							
Jessie De Kol Segis 2d 183616 (King Pontiac Jewel)	4	1	14	9	430.2	3.89	16.716
Record for 30 days				7	1980.6	3.38	66.854
B., C. H. Chase, Burlington Flats, N. Y. O., W. C. Hunt, Fayetteville, N. Y.							
Lilith Pauline Snowball 168265 (Lilith Pauline De Kol's Son)	4	3	18	12	504.7	3.25	16.390
B., W. T. Suter, Riverside, Pa. O., Siegel Brothers, Williamsport, Pa.							
Viscount Jennie Jewel De Kol 2d 184662 (Viscount Netherland De Kol)	4	2	14	22	506.6	3.22	16.333
B. & O., Jacob S. Brill, Poughquag, N. Y.							
Black Princess De Kol 182147 (Sir Aaltje Salo Ethelind De Kol)	4	5	2	18	441.8	3.67	16.220
B., Chas. Billett, Whitewater, Wis. O., Frank R. Johnston, Hustisford, Wis.							
Woodcliff Fenecia 187009 (Lottie Alene Sir Duchess De Kol)	4	1	15	19	452.2	3.57	16.129
Record for 14 days				12	896.6	3.49	31.329
B., B. E. Hardy, Owosso, Mich. O., Benj. S. Hhanchett, Grand Rapids, Mich.							
Hillside Patience 164315 (Woodcrest Pietje)	4	2	22	37	450.4	3.56	16.055
B. & O., J. N. Conyngham, Wilkes-Barre, Pa.							

(This list includes each animal in report making 20 lbs. butter or over.)

SENIOR THREE-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Woodcrest Sarcastic Princess 171405 (Pietje 22d Son)	3	9	14	6	611.2	4.09	25.024
Record for 30 days				6	2660.7	3.77	100.376
Record for 60 days				6	5319.3	3.57	189.746
B., J. W. Dimick, Rifton, N. Y. O., Woodcrest Farm, Rifton, N. Y.							
Lorna Doone Colantha 197172 (Dutchland Colantha Sir Inka)	3	8	12	6	599.6	3.85	23.080
Record for 30 days				6	2849.2	3.19	91.027
B. & O., James Phelan, Forestville, N. Y.							
Annie Ridd 2d 204005 (Dutchland Colantha Sir Inka)	3	11	5	9	470.5	4.50	21.167
B. & O., James Phelan, Forestville, N. Y.							
Daisy Hark Colantha 192551 (Sir Colantha Yankee Mary)	3	9	11	7	479.6	4.39	21.036
B., E. W. Ecker, Hartfield, N. Y. O., Fred Morrison, Jr., Bayle City, Ill.							
De Kol Dorinda Pontiac 204321 (King Pontiac Nicolo De Kol)	3	7	5	18	567.1	3.70	20.988
Record for 30 days				8	2212.8	3.71	82.145
B., W. B. Jerald, Mansfield, Pa. O., Geo. E. Page, Gelatt, Pa.							
May Flower Aaggie Ormsby 200750 (Sir Ormsby Hengerveld Schoone)	3	11	1	11	534.2	3.93	20.987
Record for 14 days				7	1046.6	3.79	39.619
B. & O., Mrs. Marie E. Gunderson, Oconowomoc, Wis.							
Emeretta Korndyke De Kol 189227 (De Kol Beets Segis 4th)	3	9	0	14	483.2	4.26	20.606
B., J. W. Coley, New Woodstock, N. Y. O., H. F. du Pont, Winterthur, Del.							
Princess Copia Pietertje Artis 212031 (Count Aaggie Lynfeld)	3	11	26	15	246.8	3.72	20.325
Record for 14 days				9	1055.8	3.81	40.213
B. & O., A. R. Fairbank, DeWitt, N. Y.							
Yankee Mary Korndyke Colantha 205053 (Dutchland Colantha Sir Inka)	3	10	28	6	463.9	4.36	20.227
B. & O., James Phelan, Forestville, N. Y.							
Pansje Cornucopia Bess 3d 176700 (Kuperus Hengerveld De Kol)	3	10	26	18	482.5	4.13	19.930
B. & O., G. D. Tinsman, Williamsport, Pa.							
Hark Prilly Colantha 192558 (Sir Colantha Yankee Mary)	3	11	5	13	523.9	3.72	19.502
B., E. W. Ecker, Hartfield, N. Y. O., Fred Morrison, Jr., Bayle City, Ill.							
Woodcrest Pietje Cornelia 175228 (Pietje 22d Son)	3	9	6	6	465.7	4.17	19.435
Record for 30 days				6	2050.0	3.93	79.626
B., J. W. Dimick, Rifton, N. Y. O., Woodcrest Farm, Rifton, N. Y.							
Johanna Carnation 183004 (Sir Johanna De Kol)	3	8	8	9	456.2	4.23	19.276
B., W. J. Gillet, Rosdale, Wis. O., W. J. Gillet & Son, Rosendale, Wis.							
Lindenwood Susie 201580 (Johanna Concordia Champion)	3	8	8	69	625.8	3.04	18.999
B., H. H. Prickett, Fayette, Ohio. O., Grisier & Egnew, Wauseon, Ohio.							

Miss Johnston Colantha Beets 219601 (Colantha Johanna Beets)	3	7	15	28	503.3	3.59	18.069
Record for 30 days				7	2055.0	3.62	74.431
B., Johnston Stock & Farming Co., St. Paul, Minn. O., O. J. Grover, Glyndon, Minn.							
Vinnie Changeling 3d 185803 (Tidy Abbekerk Prince)	3	10	27	11	393.2	4.59	18.054
B., Geo. F. Blewer, Newark Valley, N. Y. O., Est. Geo. F. Blewer, Owego, N. Y.							
Princess Ideal Hengerveld 178918 (Prince Pietertje Hartog Hengerveld)	3	10	13	43	457.7	3.88	17.752
Record for 30 days				18	1879.8	3.78	71.107
B., E. L. Merritt & I. Z. Seely, W. Eaton, N. Y. O., Austin M. Sabine, Lebanon, N. Y.							
Lena Pauline De Kol Clothilde 2d 193643 (Sir Colantha Yankee Mary)	3	9	27	8	467.3	3.73	17.453
B., E. W. Ecker, Hartfield, N. Y. O., Fred Morrison, Jr., Bayle City, Ill.							
Elmview Model De Kol 204789 (Sir Pontiac Korndyke Convent Prince)	3	11	1	12	503.4	3.42	17.220
Record for 14 days				9	989.3	3.38	33.468
B. & O., H. J. Schultz, Shipman, Ill.							
Amy Jewel Pontiac 212040 (Pontiac Inka Paul)	3	9	1	51	465.5	3.68	17.149
Record for 30 days				40	1861.9	3.48	64.797
B. & O., Jacob S. Brill, Poughquag, N. Y.							
Ormsby Clementine Bonheur 185568 (Sir Ormsby Johanna De Kol)	3	6	8	6	398.2	4.26	16.947
B. & O., H. B. Favill, Lake Mills, Wis.							
Grace Pietertje Beets Segis 178762 (Allenvail King Segis Beets)	3	7	8	11	499.3	3.32	16.588
B. & O., H. G. Vail, Damascus, Pa.							
Cedarcrest Aaggie Cornucopia 2d 222038 (Korndyke Pontiac Prince)	3	10	28	6	546.0	3.01	16.446
B., A. L. Eblom, E. Randolph, N. Y. O., H. Stillson Hart, Barrington, Ill.							
Rhoda Segis Beets 189302 (King Segis Beets)	3	8	6	21	465.4	3.53	16.432
B., J. W. Coley, New Woodstock, N. Y. O., H. F. du Pont, Winterthur, Del.							
Peggy Korndyke De Kol 2d 202367 (Dutchland Colantha Sir Inka)	3	8	20	13	456.4	3.57	16.284
Record for 30 days				6	1950.0	3.34	65.208
B. & O., James Phelan, Forestville, N. Y.							
Princess Josephone Rose 186810 (Mutual Fobes Homestead Rose)	3	8	4	38	418.9	3.86	16.152
B., Henry Hosterman, Hartford, Wis. O., Laurence F. Murphy, Hartford, Wis.							
Natsey Queen 182663 (Willowbridge Korndyke)	3	11	13	27	467.3	3.45	16.113
B., Wm. Kohlmeyer, Blue Earth, Minn. O., W. F. Schilling, Northfield, Minn.							
Fairview Avis Korndyke 205896 (Pontiac Korndyke)	3	10	29	17	484.9	3.32	16.084
B., E. H. Dollar, Heuvelton, N. Y. O., Corkwell & Best, Newark, Ohio.							

(This list includes each animal in report making 20 lbs. butter or over.)

JUNIOR THREE-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Cloverland Lilith Clothilde 235924 (Tehee Lilith Pauline De Kol)	3	4	8	11	507.7	4.01	20.697
B. & O., Wm. A. Hoover, Goshen, Ind.							
Mary Pietertje Wayne 198929 (Pietje Cornucopia Paul De Kol)	3	2	0	12	506.5	3.95	20.018
B. & O., G. D. Tinsman, Williamsport, Pa.							
Nellie Fobes 205446 (Mutual Fobes Longfield De Kol)	3	1	27	9	468.2	4.24	19.868
B., J. P. Marks, N. Yakima, Wash. O., E. B. Marks, N. Yakima, Wash.							
Pinehurst Gertrude 190489 (Piebe Champion)	3	2	23	12	463.9	4.04	18.736
Record for 14 days				6	891.4	4.04	36.045
B., H. P. Giddings, Antigo, Wis. O., Peter Reiss, Sheboygan Falls, Wis.							
Princess Harcourt De Soto 196478 (Harcourt Lad of Eden)	3	2	16	7	483.3	3.86	18.666
B. & O., Galt & Spencer, Sterling, Ill.							
Canary Van Beers of Bonnie Meade 3d 218378 (Sir Johanna De Kol 14th)	3	1	16	11	432.3	4.22	18.248
B., J. W. Hutchinson, Randolph, Wis. O., Herbert W. Jones, Amity, Oreg.							
Napoli Korndyke 209403 (Dutchland Sir Pontiac Korndyke)	3	2	28	6	404.1	4.45	17.995
B. & O., S. S. Cramer, Milwaukee, Wis.							
Kornstic Bornstein 198222 (Bornstein Chief)	3	2	16	14	408.0	4.37	17.821
B., E. J. Burrell, Little Falls, N. Y. O., Wolverine Stock Farm, Ceresco, Mich.							
Bertjusca De Kol Huntington 2d 195883 (Johanna De Colantha 5th Champion)	3	4	20	17	360.3	4.77	17.173
B., R. H. & W. F. Foos, Springfield, Ohio. O., W. F. Foos, S. Charleston, Ohio.							
Johanna Bergsma Clothilde 2d 190408 (Grand Butter Boy De Kol)	3	3	26	14	427.8	4.00	17.118
B., Wilhelm Christ, Stockbridge, N. Y. O., Wolverine Stock Farm, Ceresco, Mich.							
Mutual Copia Princess 221444 (De Kol Butter Boy Prince 4th)	3	0	11	6	407.4	4.18	17.026
B., H. V. Noyes, Kenwood, N. Y. O., Wolverine Stock Farm, Ceresco, Mich.							
Topsy Pietertje Hengerveld Segis 205351 (Alienvail King Segis Beets)	3	3	14	37	566.1	3.00	16.983
B. & O., H. G. Vail, Damascus, Pa.							
Butter Boy Duchess De Kol 233058 (Butter Boy Sir Korndyke 3d)	3	0	13	21	489.9	3.41	16.701
B. & O., W. B. Wickersham, Embreeville, Pa.							
Flossmor Pontiac Jewel Volga 192491 (Pontiac Jewel Butter Boy)	3	2	23	8	418.6	3.98	16.644
B., J. W. Garvey, Thayer, Ill. O., Fred Morrison, Jr., Bayle City, Ill.							
Dinah Johanna Segis 205352 (Allenvail King Segis Beets)	3	1	6	17	550.3	2.98	16.412
B. & O., H. G. Vail, Damascus, Pa.							
Hengerveld Ornetta Princess 3d 218568 (Sir Korndyke Hengerveld Madrigal)	3	3	12	22	447.1	3.65	16.327
Record for 30 days				13	1829.1	3.46	63..08
B., Geo. M. Flinn, Medford, Minn. O., O. J. Grover, Glyndon, Minn.							
Ridge Farm Esther Pietje De Kol 201506 (Hengerveld De Kol Tromp)	.	0	1.	6	383.7	4.24	16.261
B. & O., H. G. Lake, Montrose, Pa.							
Fairmont Zerma De Kol 219813 (Hillside Pietje)	3	3	19	10	349.1	4.64	16.192
B. & O., John Arfmann, Middletown, N. Y.							

SHERBURNE BREEDERS

LAST CALF ADVERTISED IS SOLD

This time we give you a choice between two, both sired by that great bull, Tidy Abbekerk Prince, who, we are pleased to say, now has nine 30-lb. daughters. The dam of calf No. 1 is the daughter of a 31-lb. sire and has almost 20 lbs. as a 4-year-old. The calf is an exceptionally fine individual, almost evenly colored, born in April, 1915. The dam of calf No. 2 is a daughter of Admiral Gelsche Hamilton with a record of 23.96 lbs. at just 5 years. This calf is an extra fine individual, straight as a line, deep and broad with very long hip, born in November, 1915. Either of these calves is valuable and we expect will increase in value, as both dams will be given opportunity to make larger records. Your choice of this pair for $150.

HENRY LATHROP & SONS : : : SHERBURNE, N. Y.

HARRINGTON SISTERS STOCK FARM

OFFER FOR SALE—Bull calf born February 8, 1915; nearly white, nicely marked, a well grown, fine individual. Sired by King Pontiac Hilldale, (Sire, King of the Pontiacs, one of the greatest transmitting sires of the breed). Dam: Sylvia Netherland Mercedes 2d Canary, A. R. O. 17.69 lbs. 4.40 per cent at 3¾ yrs. A good daughter of a 27-lb. dam and a 21.68-lb. grandam. Write for pedigree and price.

M. T. BRYANT, Manager
Sherburne, N. Y.

NEWTON FARMS

The home of **King Veeman De Kol** No. 36819. 55 A. R. O. daughters. His six best daughters average 50 lb. Bull calves for sale from A. R. O dams. Send for pedigrees.

R. P. KUTSCHBACH & SON,
Sherburne, N. Y.

BELLEMORE STOCK FARM

Herd headed by **King Pontiac Hilldale,** No. 114040, a son of King of the Pontiacs, from a 29.93-lb. dam. Cornucopia Pontiac Korndyke No. 87266, a son of Pontiac Korndyke, from a 33-lb. dam. For Sale—both females and males—all of prominent lines of breeding.

EDSALL B. REYNOLDS, Prop.
Sherburne, N. Y.

WESTEND STOCK

For Sale—Bull Calf, born Jan. 21, 1916. Nicely marked, large and straight—a fine individual. His sire is by King of the Pontiacs and a 29-lb. four-year-old. His dam is a 23-lb. daughter of Lilith Pauline De Kol's Count. Price $100.00. Write for pedigree.

Bert J. Butts **Sherburne, N. Y.**

ROSE HALL HERD — 60 HEAD

All ages; headed by King Tobe De Kol No. 101309: full brother to Lady Tobe De Kol, world's record senior 3-year-old. 7 days, 36.59 lb. butter and over 90 lb. milk in a day. Butter, 30 days, 141.50 lb. His dam, Christmas Tobe 2d. 7 days, 31.66 lb. 30 days, 129.46 lb. and over 80 lb. (4.44 per cent) of milk a day at 10 years old. World's record at time of making and still the second largest for age.

I offer choice cows, heifers, heifer calves, as well as fine bull calves.

GEO. J. HALL
NORTH OLMSTEAD, O.

ADD WATER TO MILK
Without Breaking the Law
Cattle that drink good water give more and better milk.
Equip your stables with
ACORN COW BOWLS
Each cow controls own supply. No danger of contagion. Equally good for horses. Approved by Agricultural Colleges. Write today.
Metal Shingle Co., 118 Oregon Ave., Detroit, Mich.

PUBLIC SALE CALENDAR

MAY 8—Rutland, Vt., Vermont Breeders' Sale Company.

MAY 8-9-10—Plymouth, Wis., Plymouth Breeders Sale.

MAY 9-10—Blairstown, N. J., Dr. J. C. Sharpe Dispersal Sale.

MAY 10—St. Jacobs, Ill., Weis Bros.

MAY 11—New Milford, Conn., Western Connecticut Holstein Breeders' Association Third Annual Sale.

MAY 10-11—Central Wisconsin Breeders' Association, Marshfield, Wis.

MAY 17—Annual Brockville Sale, Brockville, Can., A. C. Hardy.

MAY 17—Howell, Mich. Second Public Sale Livingston County, Holstein Breeders' Sale Co., F. L. Fishbeck, Sec.

MAY 22-23—Worcester, Mass., New England Breeders.

MAY 23-24—Tioga Breeders' Sale, Owego, N. Y.

MAY 25-26—Tri-County Holstein Breeders' Sale, Sidney, N. Y.

MAY 29-30—Algonquin, Ill., R. E. Haeger's Dispersal.

MAY 30-31—Algonquin, Ill., R. E. Haeger Dispersion Sale.

JUNE 1—Waukesha, Wis., Waukesha County Holstein Breeders' Association.

JUNE 1—Allen M. Gehman Dispersal Sale, Macungie, Pa.

JUNE 1-2—Holstein Breeders' Club Sale, North Eastern, Pa.

JUNE 5-6—Brattleboro, Vt., Pure-Bred L. S. S. Company.

JUNE 8-9th—National Holstein-Friesian Sale Co., Detroit, Mich.

JUNE 10—Tenth public sale Michigan Breeders' Consignment Sale Co., Howell, Mich.

JUNE 14—Wayne County Holstein Consignment Co., Belleville, Mich.

JUNE 14—Troy, Pa., York & Few Dispersion.

JUNE 14-15—Columbus Ohio, Liverpool Sale & Pedigree Consignment Sale.

JUNE 15—Troy, Pa., E. A. Hutchins, Consignment Sale.

OCTOBER 12th to 21st—Springfield, Mass., Fasig-Tipton Co.

OCTOBER 25—Howell Sales Company of Livingston County's third annual sale, Howell, Mich.

LOCUS STOCK FARM

Fellow Breeders, Take Notice—A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter of De Kol 2d's Butter Boy 3d with good A. R. O. backings. Eighteen months out. Well marked. Write for photo, pedigree, etc.

C. L. BANKS & SON

New Berlin **New York**

PEDIGREES

We wish to announce to the Holstein public that we are in a position to accurately and satisfactorily compile typewritten and printed pedigrees; also to edit and print sale catalogs. We have some introductory prices that will interest you. **Write Now.**

BACKUS BROS., Pedigree Compilers

MEXICO, N. Y.

Meadow Lake Jamaica De Kol 114775 (Meadow Lake Aaggie Paul De Kol)	3	3	20	18	481.5	3.35	16.115
B. & O., Eli Mackey, Wallkill, N. Y.							
Aaggie Duchess Burke 2d 209768 (Sir Lyons Hengerveld De Kol)	3	3	25	26	470.3	3.42	16.102
B., C. R. Sweezey, Marion, N. Y. O., Robt. Coveney, Walworth, N. Y.							
Edna Marie Jewel 2d 205442 (Sir Ormsby Burke Segis)	3	4	19	16	.69.7	3.42	16.043
B., J. P. Marks, N. Yakima, Wash. O., E. B. Marks, N. Yakima, Wash.							

(This list includes each animal in report making 20 lbs. butter or over.)

SENIOR TWO-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
Fairmont Meta Ward 258757 (King Segis Pontiac Alcartra)	2	8	2	6	410.6	5.29	21.702
B. & O., John Arfmann, Middletown, N. Y.							
Princess Gisella Walker 202820 (Count King)	2	10	27	17	494.2	3.93	19.410
Record for 30 days				6	2021.5	3.77	76.269
B. & O., J. M. Hackney, St. Paul, Minn.							
Hillside Saxon 207478 (Woodcrest Pietje)	2	11	5	23	441.6	4.19	18.504
Record for 14 days				16	852.9	4.1.	35.359
B. & O., J. N. Conyngham, Wilkes-Barre, Pa.							
K. C. S. V. Mercedes Cornucopia 222969 (King Cornucopia Sadie Vale)	2	11	15	69	517.4	3.47	17.929
Record for 30 days				66	2110.8	3.35	70.663
B. & O., M. S. Nye, Preble, N. Y.							
Queen Adeline Cornucopia 232762 (De Kol Paul Cornucopia King) 30 days	2	8	1	7	1691.2	4.18	70.705
B., Dan W. Wright, Cambridge, N. Y. O., Christopher Graham, Rochester, Minn.							
Butter Boy Fancy Spofford 270551 (Butter Boy Sir Korndyke 3d)	2	10	28	28	603.4	2.84	17.165
Record for 30 days				8	2422.9	2.73	66.252
B. & O., W. B. Wickersham, Embreeville, Pa.							
Flossmor Pontiac Elsie 212331 (Pontiac Achilles)	2	10	15	8	426.8	4.01	17.111
B., Van Camp Packing Co., Martinsville, Ind. O., Fred Morrison, Jr., Bayle City, Ill.							
Yankee Mary Colantha 226288 (Dutchland Colantha Sir Inka)	2	8	11	13	506.0	3.36	17.015
Record for 30 days				6	2028.8	3.38	68.655
B. & O., James Phelan, Forestville, N. Y.							
Tirania Lady Parthenea 245165 (Parthnea Sarcastic)	2	7	22	16	338.7	5.02	17.002
B. & O., E. L. Zehring, Germantown, Ohio.							
Lady Hengerveld Segis 225571 (King Hengerveld Segis 5th)	2	11	16	19	487.2	3.44	16.762
Record for 30 days				7	1926.2	3.45	66.373
B. & O., W. C. Hunt, Fayetteville, N. Y.							
K. P. Pelham 217062 (King of the Pontiacs)	2	10	4	34	423.9	3.84	16.284
Record for 30 days				11	1587.0	4.04	64.185
B. & O., Stevens Brothers Co., Liverpool, N. Y.							
Queen Johanna Korndyke 210694 (Wase Korndyke Segis)	2	11	4	13	528.5	3.05	16.113
B., H. R. Weiskopf, Cleveland, Wis. O., Ed Bleck, Valders, Wis.							
Miss Double Segis 225572 (Colonel Beets Segis)	2	9	23	11	409.3	3.92	16.063
B., E. E. Cady, Goshen, N. Y. O., W. C. Hunt, Fayetteville, N. Y.							
Orchard Farm Maid 209625 (Hengerveld De Kol 5th)	2	8	11	21	377.6	4.22	15.924
Record for 30 days				10	1642.9	4.03	66.168
B. & O., Charles L. Roberts, Basking Ridge, N. J.							
Jewel Veeman De Kol 206224 (Glencoe Wayne Jewel)	2	10	26	11	548.2	2.88	15.794
B. & O., David McKeown, Gresham, Oreg.							
Mandane Homestead Pride 3d 237103 (Aaggie Cornucopia Johanna Lad Jr. 6th)	2	7	8	29	460.7	3.39	15.619
Record for 30 days				24	1912.6	3.30	63.115
B. & O., John Steele, Oconomowoc, Wis.							
Oakvale Luck Korndyke 215644 (Sir Johanna Lady Korndyke)	2	10	1	6	428.4	3.64	15.609
B., R. B. Wightman, S. Hammond, N. Y. O., S. M. Strickland, Carthage, N. Y.							
Bleske Aaggie De Kol 214979 (Elzevere Winona De Kol)	2	10	4	33	462.0	3.19	14.758
B. & O., E. H. Gearhart, Marcellus, Mich.							
Piebe Frances Jewel 232138 (Piebe Paul 3d)	2	10	18	19	492.0	2.03	14.404
B., H. Renaud, Phoenix, Ariz. O., J. R. Bradshaw, Phoenix, Ariz.							

(This list includes each animal n report making 18 lbs. butter or over.)

JUNIOR TWO-YEAR CLASS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Days f.c.	Milk lbs.	Per ct.ft.	Fat lbs.
K. C. S. V. Contest Drosky 251156 (King Cornucopia Sadie Vale)	2	2	15	16	418.9	3.87	16.198
Record for 30 days				9	1773.4	3.62	64.173
B. & O., M. S. Nye, Preble, N. Y.							
K. P. Urma Panline 222026 (King of the Pontiacs)	2	2	2	22	446.3	3.60	16.087
B. & O., Stevens Brothers Co., Liverpool, N. Y.							
Josephine Piebe 2d 224482 (Piebe Champion)	2	2	1	12	457.6	3.47	15.901
B. & O., Peter Reiss, Sheboygan Falls, Wis.							
Johanna Peerless 217927 (Colantha Johanna Champion)	2	4	3	24	485.7	3.08	14.968
Record for 30 days			.	9	1990.3	3.05	60.741
B., W. J. Gillett, Rosendale, Wis. O., W. J. Gillett & Son, Rosendale, Wis.							
Susie De Kol Ormsby Mercedes 245318 (Sir Mercedes Bonheur Segis)	2	1	3	26	425.6	3.38	14.389
B., Edward C. Nitschke, Burnett, Wis. O., Wm. C. Voight, Lomira, Wis.							
Johanna Diana 217824 (Colantha Johanna Champion)	2	2	19	10	475.3	2.99	14.234
Record for 14 days				6	927.2	2.99	27.702
B., W. J. Gillett, Rosendale, Wis. O., W. J. Gillett & Son, Rosendale, Wis.							
De Kol Korndyke Ormsby 253716 (Sir Pietertje Ormsby Mercedes 13th)	2	0	20	12	324.7	4.34	14.077
B. & O., N. P. Hanson, Westbury, Minn.							
K. P. Urma 222025 (King of the Pontiacs)	2	5	28	21	357.8	3.87	13.830
B. & O., Stevens Brothers Co., Liverpool, N. Y.							
Belle Johanna Segis 239066 (Sir De Kol Netherland Johanna)	2	0	3	13	420.8	3.28	13.802
B. & O., J. M. Hackney, St. Paul, Minn.							
Korndyke Model Hartog 239502 (Sir Korndyke Pietertje Hartog)	2	1	20	23	455.2	3.01	13.690
B. & O., A. E. Smith, Sumas, Wash.							
Aaggie Pontiac Fayne 261052 (Count Fayne Hengerveld)	1	10	20	9	345.3	3.86	13.319
B. & O., J. L. Baltz, LaFargeville, N. Y.							
Empress Margery Mercedes 247021 (Sir Mercedes Clothilde De Kol)	2	4	25	17	348.4	3.81	13.289
B., C. J. Ufford, Canastota, N. Y. O., C. C. Richardardson, Canastota, N. Y.							
Helio De Kol Aaggie 253717 (Westside Prince Aaggie)	2	2	8	20	374.3	3.54	13.253
B., Ed. J. Kisow, Cambridge, Wis. O., N. P. Hanson, Westbury, Minn.							

(This list includes each animal in report making 17 lbs. butter or over.)

Some Recent Public Sales

(Continued from page 1058)

J. H. Holston, Hollycrest Herd, Topeka, Kan.
Cornelia Pietertje of Lilac Farm—Frank Buzard, St. Joe, Mo. 180.00
Holstein Madison Diamond De Kol—S. V. Kincaid, Oakley, Kan..... 185.00
Hollycrest Diamond Pontiac—Iva Romig, Topeka, Kan. 150.00
Hollycrest Cornelia Pontiac—Ross Grosshart, Tulsa, Okla. 150.00
Hollycrest Holston Pontiac—O. H. Sollenberger, Fairbury, Neb. 155.00
Hollycrest Lyons, Pietertje—H. K. Reed & Son, Larned, Kan..... 180.00
Rockbrook Farm, Sta. B., Omaha, Neb.
Anna Princess Leda 2d—A. B. Wilcox, Abilene, Kan. 180.00
Anna Princess Korndyke—Dwight Williams, Omaha, Neb..... 155.00
Sunny Mechtilde Gerben 2d—W. G. Milam, Chelsea, Okla. 100.00
Sunny Colantha Carlotta—Roy Day, Lawrence, Kan. 100.00
Queen Carlotta Colantha — Charles Stephens, Columbus, Kan. 120.00
Sarpy Johanna Colantha—Harry Sadler, Columbus, Kan. 100.00
Rag Apple Signet—Ross Grosshart, Tulsa, Okla. 165.00
Mary Beets Rag Apple — Charles Stephens, Columbus, Kan. 175.00
Lady Ormsby Ivy—Warren S. Neff, Glen Elder, Kan. 130.00
Calamity Posch Kent—Ross Grosshart, Tulsa, Okla. 180.00
Mercedes Pontiac Hermes—W. C. Parker, Oskaloosa, Kan. 125.00
Calamity Kathryn De Kol—Charles Stephens, Columbus, Kan..... 110.00
Verne Pontiac De Kol—Roy Johnston, South Mound, Kan. 125.00
Roy Johnson, Oskaloosa, Kan.
Grace Korndyke Calamity De Kol—S. V. Kincaid, Oakley, Kan..... 185.00
Spring Lake Dairy Farm, Algonquin, Ill.
Johanna Hilltop Mooie—H. W. McAfee, Topeka, Kan. 300.00
K. S. P. Rowena Mercedes—Frank Chestnut, Denison, Kan. 300.00
Lady Frontier Ideal—Paul Johnson, Leavenworth, Kan. 190.00
Little Frontier—J. M. Chestnut & Son, Denison, Kan. 180.00
Little Volga Hengerveld—Roy Johnston, South Mound, Kan. 160.00
Queen McKinley Mercedes—Dwight Williams, Omaha, Neb. 195.00
Riverside Stock Farms, Algonquin, Ill.
Duke Johanna Beets—W. H. Mott, Herrington, Kan. 255.00
King Segis Helen Pontiac—Cedar Grove Stock Farm, Omaha, Neb..... 135.00
King Segis Pontiac Wayne—Iva Romig, Topeka, Kan. 130.00
King Segis Pontiac Copia—Levi B. Smith, Paola, Kan. 165.00
K. S. P. Adiantum—Dwight Williams, Omaha, Neb. 185.00
K. S.P. Buttercup Hengerveld—Dwight Williams, Omaha, Neb. 190.00
K. S. P. Korndyke De Kol—O. B. Toalson, Bartlesville, Okla. 240.00
K. S. P. Mabel Hengerveld—Henry Glissmann, Omaha, Neb..... 190.00
K. S. P. Mercedes De Kol—W. G. Milam, Chelsea, Okla. 300.00
K. S. P. Ormsby De Kol—O. B. Toalson, Bartlesville, Okla. 215.00
K. S. Picotee—J. M. Chestnut & Son, Denison, Kan. 200.00
K. S. P. Pearl Pauline—John Sartman, Denison, Kan. 300.00
K. S. P. Segis Rose—Paul Johnson, Leavenworth, Kan. 340.00
Lady Glenice Hengerveld—W. G. Milam, Chelsea, Okla. 300.00
Maria Aaggie Cornucopia—Ross Grosshart, Tulsa, Okla. 185.00
Neta Prilly Pontiac—Charles Stephens, Columbus, Kan. 220.00

The W. C. Hunt Sale

The complete dispersion of W. C. Hunt's Fayetteville herd occurred at his farm near that village on Thursday and Friday of last week. A large number of breeders gathered to pay tribute to Mr. Hunt's success as a breeder of Holstein-Friesian cattle by purchasing from him his very excellent offerings.

The sale was topped by a daughter of Pietertje Hengerveld Segis, of which a number were offered in the dispersion and which sold at very good prices. This particular individual, Arcady Lyons Arelia, had a two-year-old record of 18.29 and was from a 17-lb. three-year-old daughter of King Segis, being sired by Pontiac Hengerveld Parthenia. D. M. Hart of Cazenovia paid $565 for her. F. L. Quaif of Cooperstown paid $500 for Arcady Lyons Andromeda, a 25-lb. three-year-old granddaughter of Pontiac Hengerveld Parthenia. She was also a daughter of Pietertje Hengerveld Segis. Mr. Hart also bought another daughter of Pietertje Hengerveld Segis, out of a Pontiac Hengerveld Parthenia dam, for $465. It was demonstrated at the sale that this combination of breeding was able to produce financial results just as surely as the offerings that went into the ring showed that it was able to produce results in individuality.

Mr. Hunt sold in his dispersion two herd sires; King McKinley Walker went to his brother, G. D. Hunt of Richland, for $240. This sire, a son of the dam of King Segis, was sired by King Walker. His other herd sire, King Pontiac Jewel, a son of King of the Pontiacs, out of a 25-lb. daughter of Pontiac Korndyke, who in turn was out of a 30-lb. daughter of Hengerveld De Kol, went under the hammer to Albert Ray of Elmira for $270.

A detailed report of this sale is as follows:

W. C. Hunt, Fayetteville, N. Y.
King Pontiac Jewell—Albert Ray, jr., Elmira, N. Y. 270.00
King McKinley Walker—G. D. Hunt, Richland, N. Y. 240.00
Locust Grove Lillian Jewel—Harry Yates, Buffalo, N. Y. 315.00
Jessie De Kol Segis 2d—Glass Bros., Bulger, Pa. 355.00
Jessie De Kol Segis 3d—C. H. Buechler, Atlanta, Ga. 265.00
Locust Grove Grindetia—James H. Stewart, Pattsford, Pa. 220.00
Locust Grove Inka De Kol Jewel—Harry Yates, Buffalo, N. Y..... 320.00
Locust Grove Pontiac Pietertje—S. D. Harst, Richland, N. Y..... 195.00
Locust Grove De Kol Netherland 3d—F. R. Babcock, Pittsburgh..... 220.00
Locust Grove Jessie Segis—H. C. Swarthout, Hartwick Seminary, N. Y. 100.00
Jessie Segis Spring Farm—F. R. Babcock, Backerstown, Pa. 150.00
Arcady Lyons Andromeda—F. L. Quaif, Cooperstown, N. Y..... 500.00
Andromeda Pontiac Jewel—Mr. Collins 210.00
Heifer Calf No. 17—Clarence Hunt.. 155.00
Arcady Lyons Aurelia—D. N. Hartt, Cazenovia, N. Y. 565.00
King Pontiac Jewel Aurelia—James H. Stewart, Pattsford, Pa..... 300.00
Aurelia Pontiac Jewel—Glass Bros., Bulger, Pa. 215.00
Segis Pontiac Jewel—Francis H. Cross, Fayetteville, N. Y..... 200.00
Arcady Segis Jolie Cornucopia—F. L. Quaif, Cooperstown, N. Y..... 415.00
Arcady Segis Jolie Cornucopia 2d—D. Thompson & Son, Oran, N. Y..... 160.00
Arcady Segis Edith Beets—D. N. Hartt, Cazenovia, N. Y. 465.00
Arcady Segis Edith Beets 2d—H. L. Hartt, Cazenovia, N. Y..... 400.00
Edith Pontiac Jewel—Harry Yates, Buffalo, N. Y..... 280.00
King Segis Jewel—R. L. Bettinger & Son, Kirkville, N. Y..... 145.00
Heifer Calf No. 29—D. M. Hartt, Cazenovia, N. Y. 145.00
Arcady Segis Albina Cornucopia—W. H. Glass, Bulger, Pa..... 405.00
Miss Double Segis—W. H. Glass, Bulger, Pa. 445.00
Heifer Calf No. 33—Mr. Quaif, Cooperstown, N. Y. 350.00
Arcady Segis Revonna—F. L. Quaif, Cooperstown, N. Y. 230.00
Revonna Segis—R. E. Head, Batavia, Ohio 180.00
Revonna Pontiac Jewel—Mr. Hartt, Cazenovia, N. Y. 285.00
Marydale Korndyke Pietertje—W. D. Wood, Red Creek, N. Y..... 250.00
Marydale Korndyke Pietertje 2d—G. G. Burlingame, Cazenovia, N. Y... 270.00
Heifer Calf No. 40—L. A. Martin, Dewitt, N. Y. 135.00
Ruth De Kol Spofford Burke 2d—Mr. Swartout, Hartwick Seminary, N. Y. 325.00
King Pontiac Spofford—O. G. Gridley, Kirkville, N. Y..... 140.00
Mutual De Kol Ormsby—Mr. Swartout, Hartwick Seminary, N. Y..... 245.00

King Lunde Pontiac Korndyke

Is the senior sire at the head of Greenwood Herd.

Sire: King of the Pontiacs, the greatest sire of the breed.

Dam: Lunde Korndyke,one of the finest individuals of the breed and champion semi-official year record cow for 1910-11. 1090.91 lbs. butter, 261927 lbs. milk to her credit.

King Pontiac Josey is our junior herd sire.

Sire: A grandson of Bella Lyons Netherland, the only cow to twice make over 34 lbs. and again pass 32 lbs. She was the first 34-lb. cow to have a 34-lb. dam. Her dam and sire's dam are the only two cows each to have four daughters averaging over 30 lbs.

Dam: Crown Prince Josey, another great year record cow, with 28752.3 lbs. milk, 1227.78 lbs. butter to her credit.

We offer young bulls ready for use. A son of "King Lunde" from a 29-lb. dam; a son of "King Josey" from a 24-lb. daughter of Pontiac Korndyke. Two sons of "King Josey" from A. R. O. daughters of King Linde—also females in calf.

E. H. KNAPP & SON
FABIUS, N. Y.

How Much Did Sick Stock Cost You Last Year ?

Overfeeding, colic, dangerous gases, indigestion and "out of condition" stock costs the farmer, dairyman and breeder of high-grade stock, tens of thousands of dollars annually. Much of this could be saved if the ordinary ration included Xtra-vim feed. It is not a feed by itself—it is not a protein and fat ration—it is a production of MOLASSES IN DRY FORM that, under special process of manufacture,

XTRA-VIM FEED

Makes the Regular Ration More Valuable

It will pay you to investigate the value of this feed. We are prepared to help you make more money out of your stock.

Wouldn't you like a copy of our new Feed Book? A postal card from you will bring it by return mail.

XTRAVIM MOLASSES FEED CO., 173-W Milk St., Boston

A DISPERSION SALE

The high class herd of York and Few to be dispersed June 14, 1916, at Troy, Pa.

A sale that will disperse quality only.

For information address

E. A. HUTCHINS, SALES MANAGER

BINGHAMTON, N. Y.

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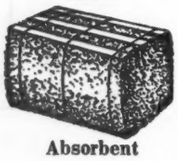


Absorbent

BALED SHAVINGS

Contain no germs of Foot and Mouth disease.
Used where certified milk is produced.
We will make a low price delivered at your station in car lots. Write

OSCAR SMITH & SON, Albany, N. Y.

TO THE PUREBRED BREEDER

wishing a bull of serviceable age at a moderate price, we offer Rival King Pietje Lad. His dam is the youngest cow in the world to produce 700 pounds butter in 365 days. Six nearest dams average 835.6 pounds butter, 19071.0 pounds milk in 365 days, (two at heifer age) three-fourths white. Will ship anywhere on approval. Others combining good individuality, size, 40 pounds and semi-official breeding; two-thirds and more white.

Write for Catalogue, photos and prices

L. E. FERGUSON, LAURENS, IA., Pocahontas Co.

Flora De Kol Aaggie Burke 2d—R. E. Head, Batavia, Ohio 225.00
Heifer Calf No. 46—Mr. Burlingame, Cazenovia, N. Y..... 175.00
Aaggie of Lynfield Ormsby—Mr. Swartout, Hartwick Seminary, N. Y..... 330.00
Heifer Calf No. 48—Clarence Hunt.. 170.00
Pietje Aaggie of Lynfield—R. E. Head, Batavia, Ohio 300.00
Pietje Aaggie Hengerveld—W. L. Sterling, Brooklyn, Pa..... 285.00
Bull Calf No. 51—Eastern State Hospital, Ky. 185.00
Mercedes De Kol Belle—Mr. Swartout, Hartwick Seminary, N. Y..... 285.00
Mercedes De Kol Belle 2d—Mr. Burlingame, Cazenovia, N. Y..... 320.00
Heifer Calf No. 54—C. Amos, Syracuse, N. Y. 200.00
Colonel Pietertje Segis—E. P. Todd, Rowley, Mass. 180.00
Mercedes Victoria Artis 3d—F. R. Babcock, Pittsburgh 230.00
Victoria Pontiac Jewel—R. E. Head, Batavia, Ohio 215.00
Pride of Earlville Lilith 2d—J. S. Babcock, Albany, N. Y..... 160.00
Queen De Kol Korndyke Homestead—W. H. Glass, Bulger, Pa..... 205.00
Topsy Pontiac Burke—Y. S. Backwith, Albion 140.00
Miss Cornell Woodcrest—W. S. Meade, Clyde, N. Y..... 305.00
Inkspur Lady Beauty 2d Tryntje—C. H. Buechler, Atlanta, Ga..... 210.00
Lady Pietertje Segis—G. G. Burlingame, Cazenovia, N. Y..... 250.00
Jessie Artis Walker—Mr. Collins.... 155.00
Colantha Daisy Winkje—Mr. Collins.. 120.00
Elnora C. 3d De Kol—G. D. Hunt, Richland, N. Y..... 115.00
Elnora Pontiac Jewel—Mr. Collins.. 165.00
Bull Calf No. 72—J. P. Peck, Kirkville, N. Y. 125.00
Elnora Hengerveld Segis—G. D. Hunt, Richland, N. Y. 115.00
Elnora Segis—E. M. Stanton..... 270.00
Lady Mercedes De Kol 2d—Francis H. Cross, Fayetteville 285.00
Lady Hengerveld Segis—Harry Yates, Buffalo, N. Y..... 320.00
Swan Jewsharp—H. A. Crego, Camillus, N. Y. 420.00
Swan Segis—Francis A. Cross, Fayetteville 305.00
Sir Jewel Swan Pontiac—Robinson & Bishop Bros., Towanda, Kan. 175.00
Segis Jewsharp—C. H. Beuchler, Atlanta, Ga. 550.00
Heifer Calf No. 82—Mr. Burlingame, Cazenovia, N. Y. 245.00
Dorinda Pietertje Segis—Jno. F. Collins, Lobetta, Kan. 170.00
Barnoss Spofford De Kol—C. A. Marting Dewitt, N. Y..... 215.00
Heifer Calf No. 85—F. L. Quaif, Cooperstown, N. Y. 200.00
Baroness Pontiac Jewel—F. R. Babcock, Pittsburgh 170.00
Friend Imilda De Kol—J. Beckwith, Albion 130.00
Manley Farm Colantha Pauline—G. D. Hunt, Richland, N. Y..... 175.00
Heifer Calf No. 91—F. L. Quaif, Cooperstown, N. Y. 165.00
Pauline Hartog De Kol America 2d—G. D. Hunt, Richland, N. Y..... 155.00
Pauline Pontiac Hartog—C. H. Buechler, Atlanta, Ga. 185.00
Heifer Calf No. 94—Mr. Burlingame, Cazenovia, N. Y..... 125.00
Heifer Calf No. 95—J. L. Kerr, Warren, N. H. 125.00
Colantha Lady Pauline—C. H. Beuchler, Atlanta, Ga. 175.00
Lady Colantha Segis—E. A. Martin, Dewitt, N. Y..... 145.00
Heifer Calf No. 98—G. G. Burlingame, Cazenovia, N. Y. 205.00
Segis Lyons Koningen—Francis H. Cross, Fayetteville 200.00
Heifer Calf No. 102—Mr. Burlingame, Cazenovia, N. Y. 155.00
Heifer Calf No. 103—Mr. Burlingame, Cazenovia, N. Y..... 155.00
Lyons Pontiac De Kol—J. S. Beckwith, Albany, N. Y. 200.00
Heifer Calf No. 105—R. M. Stone.. 230.00
Vadora Hengerveld De Kol—J. S. Beckwth, Albany, N. Y..... 255.00
Vadora Pontiac Jewel—J. L. Kerr, Warren, N. H..... 230.00
Duchess Lyons Hengerveld De Kol 2d—Stevens Bros., Liverpool, N. Y. 180.00
Lady Betta Hengerveld—Arthur H. Poyle, Manlius, N. Y. 235.00
Irma of Clover Hill—Mr. Swartout, Hartwick Seminary, N. Y. 250.00
Oakland Artis Boon—E. M. Staunton 425.00
Oakland Artis Burke—R. E. Head, Batavia, Ohio 190.00
Oakland Artis Burke 2d—Jno. F. Collins, Lobetta, Kan. 180.00

(Continued on page 1072)

Our Best Advertisement

Is the satisfactory results that follows a sale from our barns. Bulls from our herd make good. In our recent advertising we've given you some facts and figures proving this.

We might speak of a recent example of this kind: King Segis Pontiac Count, a grandson of King of the Pontiacs (his dam being K P Lilith Clothilde, one of the fine daughters of "King") is a young bull we sold to senator Joseph M. Hackney. This bull has made good in every way—for example, he has had within the past few weeks, two junior 2-year-old daughters make over 28 lbs. butter in 7 days.

How About Some "King of the Pontiacs" Blood for Your Herd?

King of the Pontiacs 23d, born August 6th, 1915. His sire is King of the Pontiacs and his dam a 17.96-lb. daughter of a 31.82-lb. cow and sired by a good son of De Kol 2d's Butter Boy 3d.

This calf is half white, heavy boned, low down, straight on back, heavy and broad through thurl and hips, has good head and neck, fine escutcheon, good milk vein development and is good size for his age—and what's more—he is priced right.

Write us today about him.

Stevens Brothers Co.
Liverpool, N. Y.

The Place to get "King's" Blood Is Where "King" Lives.

Pioneer Days in Oklahoma

The general definition of a pioneer is "one who goes before to prepare the way for". The word conjures up memories of hardships endured, difficulties surmounted and obstacles overcome. Pioneers are hardy citizens. They have foresight. They are idealists in that they are always reaching out and striving for something different and better.

Pioneer days in Oklahoma, as far as Holsteins are concerned, have just had their beginning, for the first official test ever held in that state has just been recorded. The pioneers are T. W. Blackman & Son of Weleetka and the story of their conversion to "the light" and the result of this conversion, is given in their own letter to a newspaper of their home town. Mr. Blackman writes:-

"I am very glad to give you all the information you desire in regard to Holstein heifers recently purchased and officially tested. We feel quite lonesome in the breeding of pure bred Holstein-Friesian cattle (I believe we are the only ones in this county, or this part of Oklahoma) and we would be only too glad if other farmers could see their way clear to take up the same line of farm work. I am thoroughly convinced that no other line open to the average Oklahoma farmer gives greater promises of success than that of handling dairy cattle.

"The price of the finished product when properly put on the market is less variable than other farm product with which I am familiar. The dairy cow, when properly handled, works every hour of the day and night for her owner and gives greater profit for the quantity and quality of feed consumed than any other animal upon the farm—a statement I feel sure cannot be disputed. During the year 1915 we milked six cows, all grade Jerseys, except one registered Holstein, and they produced for us in milk and butter $823.82, or an average of $137.30. The feed they consumed cost us $4.50 each per month, or $54.00 per cow for the year. Each cow produced a calf during the year and on the 16th day of March we sold the six calves for $100.00 or $16.65 per head. This added to the $137.30 makes $153.95 that each cow produced, and deducting her feed bills (54) leaves an income of $99.95 for milking and taking care of her.

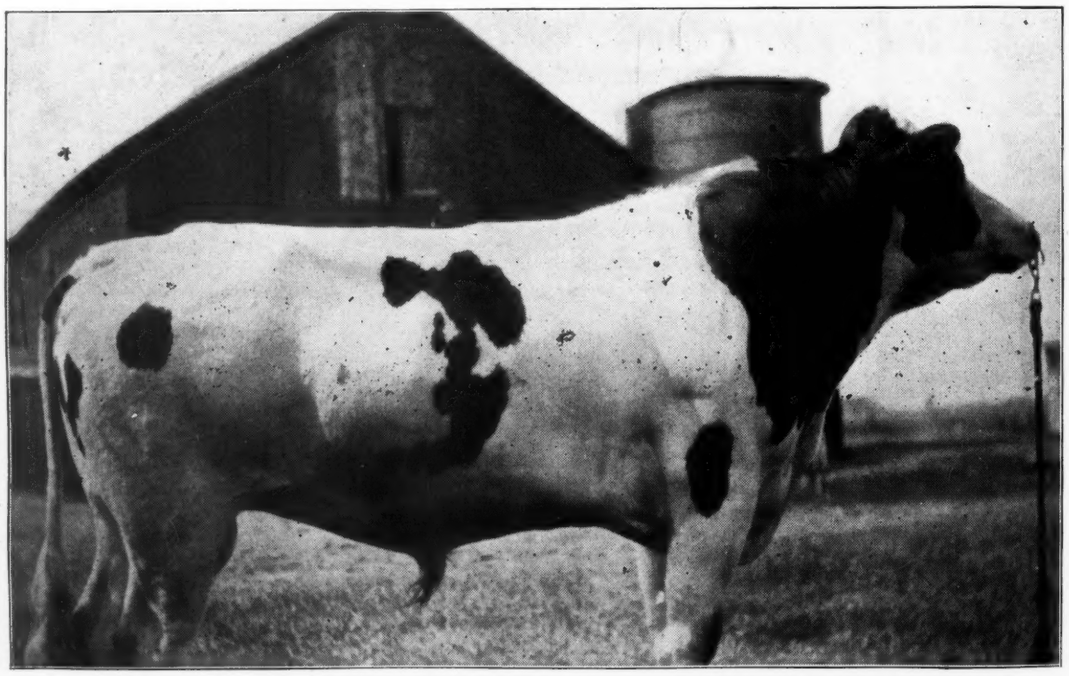
Now, the above figures, to a few people might be a little misleading, as they are the actual results of the scales and Babcock tester upon the production of the above cows and we all know that theory and practice are not always in harmony. But the man who fails to receive more than 80 per cent in actual cash as indicated by the scale and tester has an unwarranted leak somwehere in his equipment.

Is is the above results and like records of previous years that has led us to believe that the breeding of dairy cattle has a more promising outlook to the average farmer than the breeding of any other live stock. We also conclude that the better the cow the better would have been the results. Had the above cows all been registered animals and been bred to a registered sire, any one calf would have been worth as much as the entire six.

It is the above results that has led us to dispose of all the above cows, except two, and all of our younger Jersey stuff, and invest the proceeds in only two registered Holsteins heifers the official test of which I enclose. We are quite proud of them, as you will observe they made over five gallons of milk per day (counting 8 pounds to the gallon) under official test.

It might be of interest to some to know just what an official test is, from the standpoint of the Holstein-Friesian Association of America. No cow can be entered in the Advance register which is not herself a registered Holstein-Friesian and officially met the requirements of the association. To meet the requirements one must first obtain a "permit" from the superintendent of Advanced Registration. The superintendent then designates a supervisor of the test, generally through the dairy department of the Agricultural College in the state where the owner of the cow lives. The supervisor visits the farm where the cow or cows are tested, reaching there on the day before the test is to begin to see that the cow is thoroughly milked before the test begins. From this time on the supervisor must be present at every milking and take charge of the milk as soon as drawn from the cow. The owner has nothing whatever to do with the test and the samples are kept under lock and key by the supervisor, who is under oath and vouched for by the Agri-

(Continued on page 1078)



WOLVERINE SIR PRILLY HENGERVELD 84766

This Saginaw Valley herd sire is owned by William Roenicke. At the age of five years he is the sire of two A. R. O. daughters with good records. Wolverine Sir Prilly Hengerveld is a son of Sir Prilly Hengerveld, out of Pontiac Maid, 30.21. He is, therefore, on both sire, therefore, traces three times to sire's and dam's side, a great-grandson of Hengerveld De Kol. His sire has a 29.53-lb. daughter, three 30-lb. sisters. His dam, a granddaughter of Hengerveld De Kol, is also, through her dam, a great-granddaughter of that sire. This Hengerveld De Kol in the fourth and fifth generations of his pedigree, as well as to the foundation cow Prilly and the Inka and Mercedes families.—Courtesy Saginaw Valley Farmer.

THE CHANCE OF A LIFETIME

The only herd in the country from which you can obtain daughters of Pontiac Korndyke and other world famous bulls.

150 Cows and Heifers in Herd

Here you can find all ages and prices. Must sell to make room for increase.

METTAWEE VALLEY FARM
Clarence E. Parker
Granville, N. Y.

GEM SORGHUM

The greatest feed on earth for horses or cows. Ten acres will keep 100 head all winter, says Henry N. Smith of Fashion Stud Farm. Grows like corn. Secure seed at once, $3 per bushel. Produces in any season (no crop failure). Send for circular.

WM. C. HENDRICKSON
Belle Mead, N. J.

---

2 Grandsons of

KING OF THE PONTIACS

for sale, born February, 1916.

One out of Aaggie Burke Soldene, who made as a 4-year-old 20.527. The other out of Lady Cornucopia DeKol, who made in her twelfth year 18.25 lbs. of butter in 7 days.

WALTER M. BUCK Warsaw, N. Y.

World's junior 3-yr-old milk record 28,429.0 lbs. milk, 1050.00 lbs. butter in 365 days. Bull calves for sale from her son and half brother from tested dams. Both sires from King Korndyke Pontiac Lass. Dams are half sister to Creamelle Topsy Ormsby Tobe, our junior 3-yr-old. Others are daughters from a half brother to K. P. Pontiac Lass. They are this year's calves.

The Boysen Herd Rome, N. Y.

Truckell Certificate Envelopes

Suited for the purpose. Designed by a cattle breeder. For use by Cattlemen Friends.

$1.00 per 100. "They Fill the Bill."
G. H. TRUCKELL Liverpool, N. Y.

CATTLE BEETS FOR SALE

Detroit Dark Red Beets and Mangels for sale in large or small quantities. Invaluable for testing.

R. E. CHAPIN & SON Batavia, N. Y.

BULLS FOR SALE

of Ormsby breeding. Sired by one of the richest bred Ormsby bulls living. King Hengerveld Pietertje Ormsby, full brother to Pietertje Maid Ormsby and also brother to the sire of Duchess Skylark Ormsby, world's record yearly cow and out of yearly record dams as high as four generations for breeding and prizes. Address

John Erickson, Waupaca, Wis., R. 2

WANTED

A position as herdsman or manager, by a young married man, who thoroughly understands the feeding and care of cows for A. R. O. records or show ring. A good judge of cows and capable of handling any size plant or any number of men.

Box 100
Care Holstein-Friesian World
Syracuse, N. Y.

MY CROP OF

1915-1916 Bull Calves

has arrived. They will be offered for sale at reasonable prices in a short time. Tuberculin tested. Prices reasonable.

JULIUS LINDSTEDT, Manitowoc, Wis.

HOME FARM HOLSTEIN FRIESIANS

HOME FARM HERD

ESTABLISHED 1881

We have recently placed in our herd, to follow on our young daughters of SIR SADIE CORNUCOPIA, the young bull

KING KORNDYKE SADIE VALE 24th

whose seven nearest dams average

Butter 7 days	31.45	Butter 30 days	123.00
Milk	601.00	Milk	2400.90

He is a beautiful individual in every respect and has a wonderful combination of blood lines.

SPECIAL OFFERING—a grandson of Rag Apple Korndyke, born September, 1915, from a 19-lb. dam that has a twice 30-lb. daughter; dam is daughter of Homestead Jr. De Kol. Evenly marked; priced right.

W. B. BARNEY & SONS CHAPIN, IOWA

COMING RIGHT ALONG

King Pontiac Canary 78766

Has 38 A. R. O. Daughters

HIS SIRE:

KING OF THE PONTIACS

(Nuff Sed)

HIS DAM:

CANARY HARTOG DE KOL 26.60

(A daughter of Canary Mercedes Alban with 30 A. R. O. daughters)

Maplehurst Farms Lamb & Langworthy

EAST HAMILTON, N. Y.

PONTIACS AND ORMSBYS

Breeders want Ormsby and Pontiac bred Holsteins. My herd sire is a son of the King of the Pontiacs and I have a number of Ormsby and Pontiac bred bulls of breeding age.

ROBERTS DE KOL FAYNE, born October 6, 1914. Dam's record: 721 pounds butter and 18,573 pounds of milk.

ROBERTS DE KOL FAYNE, born September 28, 1914. Dam's record: 594.5 pounds of butter and 15,426.5 pounds of milk.

ROBERTS KINSMAN PONTIAC, born December 18, 1914. Dam's record: 675.59 pounds of butter and 16,032 pounds of milk.

ROBERTS KING PONTIAC, born March 25, 1915. Dam's record: 630.26 pounds butter and 14,392.7 pounds of milk.

The grandam of Roberts King Pontiac may be seen on page 365 of Hoard's Dairyman' March 17th issue, and a picture of Roberts Kinsman Pontiac and his dam may be seen on page 89 of Kimball's Dairy Farmer, February 15th issue.

DR. DAVID ROBERTS STOCK FARM
WAUKESHA, WIS.

FOR SALE --- Bargain Prices

Three heifer calves sired by a three-fourths brother to King Segis Pontiac Alcartra, the $50,000 bull.

Three heifer calves sired by a 33-lb. bull—a proven sire of great worth. Calves are well grown, one and two months of age. Send for pedigrees and prices.

L. J. CARRIER, - - - PHOENIX, N. Y.

HOLLYWOOD FARM

SIRE
King Palmyra Fayne 72099
Brother to the sire of Finderne Holingen Fayne.
His first 4 daughters to freshen average 20.52 lbs. butter in 7 days, as Jr. 2 yrs.

DAM
Lilith Queen Pauline 110568
7 days butter, 32.46; 30 days butter, 117.90; 365 days butter 1077.21 Next to the highest record daughter of Lilith Pauline De Kol's Count 28430. Has twice made over 30 lbs. butter in 7 days.

HOLLYWOOD LILITH PALMYRA, 118678

Bull Calves by the above sire out of dams with yearly records as high as 1012 pounds butter, and seven-day records of over 30 pounds butter. Write for pedigrees and photo.

Hollywood Farm Hollywood, Wash.
R. F. D. 1 Box 1

Holstein Herd For Sale

My entire herd of nineteen mature cows, all bred to drop calves next fall except three. Every cow but one has an official record and several have re-entries. 30 records compose our official work. Only blue ribbon sires have been used at the head of our herd. We are anxious to dispose of our herd within twenty days. Visit Belvoir at once.

L. A. KIMBALL
Lake Geneva, Wis. Belvoir Farm

Grand Champion

Grand Champion at the head of your herd means a high standard of individuality in his progeny. The bull I have to offer at only nine months old was awarded the prize of Grand Champion Holstein Bull at Nebraska State Fair 1916.

His sire, Rag Apple Korndyke Boon, No. 123847.

His dam, Fairview Aaggie Wayne Korndyke, a 75 per cent daughter of Pontiac Korndyke.

The average week's production of his dam, his sire's dam and forty near relatives is 31.86 pounds of butter. He is now 14 months old and ready for heavy service.

For photograph, pedigree and price, write

B. B. Davis, Omaha, Neb.
200 Bee Building

The W. C. Hunt Sale

(Continued from page 1068)

Mineral Spring Maid 3d—E. M. Staunton	220.00
Pietje Pontiac—F. R. Babcock, Pittsburgh, Pa.	290.00
Heifer Calf No 119—Mr. Burlingame, Cazenovia, N. Y.	230.00
Springdale Onomis Vale 2d—F. R. Babcock, Pittsburgh, Pa.	380.00
Springdale Segis Fayne—J. L. Kerr, Warner, N. H.	225.00
Heifer Calf No. 122—J. L. Kerr, Warner, N. H.	120.00
Lyons Jewel Athenea—C. L. Amos, Syracuse, N. Y.	165.00

The Hotchkiss Sale

The following is a detailed report of E. L. Hotchkiss' sale at Edinboro, Pa., held April 12, with the names of the animals selling above $100, their purchasers and prices paid. Most of the animals were taken up by purchasers living in Mr. Hotchkiss' vicinity which speaks well for the regard his neighbors have for animals bred at Vinita Farms. The report follows:

Consigned by E. L. Hotchkiss, Edinboro, Pa.	
Hengerveld Netherland Lyons—H. L. Tabor, Edinboro, Pa	$450.00
Vinita De Kol Lyons, C. D. Whitman, Erie, Pa.	165.00
Vinita De Kol Lyons Segis—Geo. E. Waite, Edinboro, Pa.	225.00
Vinita Pontiac Lyons—N. L. Kingsley, Edinboro, Pa.	180.00
Vinita De Kol Segis—Horton Crary Co., Warren, Pa.	265.00
Vinita De Kol Pontiac—M. S. Gillaspie, Edinboro, Pa.	200.00
Female No. 8—Karl Newburger, McKean Pa	117.00
Vinita De Kol Pontiac's Ophelia—Peter A. Wagher, Walerford, Pa.	150.00
Vinita Daisy Pontiac—A. D. Hotchkiss, Erie, Pa.	156.00
Vinita Buckeye Gerster Segis—Horton Crary Co., Warren, Pa.	510.00
Vinita Buckeye Lad—F. W. McLaughlin, Erie, Pa.	100.00
Vinita Buckeye Pontiac—A. D. Hotchkiss, Erie, Pa.	265.00
Vinita Dinah Segis—Horton Crary Co., Warren, Pa.	325.00
Vinita Dinah Pontiac—A. D. Hotchkiss, Erie, Pa.	185.00
Vinita Anna Segis—H. L. Tabor, Edinboro, Pa	445.00
Vinita Sir Anna Segis—E. M. Cooper, Union City, Pa.	110.00
Vinita Ophelia Belle—T. H. Crandall, Edinboro, Pa.	335.00
Vinita Ophelia Belle Segis—M. S. Gillaspie, Edinboro, Pa.	370.00
Vinita Beatrice Segis—M. S. Gillaspie, Edinboro, Pa.	490.00
Vinita Beatrice Segis Pontiac—Peter A. Wagner, Walerford, Pa.	145.00
Vinita Beatrice Pontiac—A. D. Hothckiss, Erie, Pa.	270.0
Vinita Alice Pontiac—A. D. Hotchkiss, Erie, Pa.	255.00
Vinita Clara Pontiac—A. D. Hotchkiss, Erie, Pa.	175.00
Female No. 29—F. W. McLaughlin, Erie, Pa	141.00
Vinita Alice Segis—T. H. Crandall, Edinboro, Pa.	350.00
Vinita Cowslip Segis—Peter A. Wagner, Walerford, Pa.	210.00
Vinita Coral Mahomet—M. E. Peck, Erie, Pa	185.00
Consigned by Clair A. Hotchkiss, Edinboro, Pa.	
Vinita Beauty Segis—E. M. Cooper, Union City, Pa.	185.00
Consigned by Dr. F. G. Greenfield, Edinboro, Pa.	
Greenfield Ormsby Burke—H. L. Tabor, Edinboro, Pa.	125.00
Female No. 5—C. J. Moffet, Transfer, Pa.	100.00
Greenfield Lyons—J. M. Hanson	149.00

Recent California Sale

The Southern California Breeders First Consignment Sale was very well attended, there being over a thousand people present from the different parts of the state. The prices while not nearly as high as they were in Southern California a year ago for the same quality of stuff yet they were satisfactory to all concerned and seller and buyer alike were very well pleased with the result of the sale. There were a hundred head of stock sold for $24,225 or

(Continued on page 1082)

ANOTHER WORLD'S RECORD

It has recently been reported among Holstein Breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein Sales, the record is now being challenged by

B. V. KELLEY
SYRACUSE, N. Y.

AUCTIONEER

A lifetime's experience with Holsteins and selling sales all over United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER, Algonquin, Ill.

A Successful Holstein Sale Requires the
RIGHT AUCTIONEER

Satisfied patrons all over the country testify to the quality of my work. For dates and terms address

COL. CAREY M. JONES
14 No. Sacramento Blvd. Chicago, Ill.

COL. D. L. PERRY
THE
HOLSTEIN AUCTIONEER
I also sell satisfaction.
COLUMBUS OHIO

YOUR HOLSTEIN SALE NEEDS
Mack
Always on the Job—for RESULTS
In the box or in the ring.
For dates address
COL. J. E. MACK
Ft. Atkinson Wisconsin

LET WHITE DO IT

Long experience with Holsteins and thorough training in Jones' Auctioneering School, Chicago.

Dates made anywhere.

ROY WHITE
Woodstock Illinois

AUCTIONEER
HOLSTEIN CATTLE A SPECIALTY
Satisfied customers my best advertising
Please write for dates
COL. GEORGE W. BAXTER
TROY, Bradford Co., PA.

EMPLOY
AUCTIONEER KRAUSE
The Live Wire Holstein Auctioneer
Up-to-Date on Pedigrees
Best Reference Terms Reasonable
Write or wire for dates
COL. W. H. KRAUSE
THORPE, WISCONSIN

EVERY LITTLE BIT ADDED TO WHAT YOU'VE GOT

We have sons of 25 to 27.5 lb. cows, sired by Segis Lyons No. 84592, which we are offering for $100.00 to $150.00 each. Both light and dark colored. Let us know your wants and we will guarantee a fit.

JOHN J. WALRATH
East Springfield - - - New York

ONE OPPORTUNITY GONE
Here's Another One

The bull advertised last week has been sold to Mr. Jacob W. Eby of Elkhart, Indiana. The bull is of superb breeding, being a son of Finderne Countess, a 25.65-pound junior 2-year-old daughter of Gordon Glen Pontiac and sired by a 33.76-pound son of Pontiac Korndyke. Mr. Eby will use the bull on his select herd of Burke Korndykes and Pontiacs, one of the finest in Indiana. **We are now offering for sale a son of the new 31.104-pound cow, Hilldale Gem Segis, who is a daughter of King Segis Beets. Sire of the bull is Prince Korndyke Pontiac, a 33.76-pound son of Pontiac Korndyke. Bull is 2 years old.**

Get in quick on this one.

Hugh J. Davis
Broadalbin : : New York

VANDERKAMP FARMS
34.54 LBS., 32.36 LBS. AND 30.595 LBS

The above A. R. O. Records refer to 3 heifers in our herd whose sons were sold by us before the dams made their above records, and our reasonably low prices were based on their prior records of 28 lbs., 27 lbs. and 20 lbs.

WE HAVE THREE BULL CALVES

One is a month old, from a cow now on test with over 28 lbs. to her credit, and we believe she will enter the 20-lb. class next year. Another one is from a 15-lb. two-year-two-month-old, who is sure to increase her record at 3 years.

BUY

From a herd that is being developed and have increased the dam's records of the large majority of bulls sold and in many cases increased the value many times the price paid.

We will send pedigrees on receipt of inquiry.

F. C. SOULE & SONS, SYRACUSE, N. Y.

MAPLE-DALE STOCK FARM of 150 acres is offered for sale or exchange on exceptional terms.
Will sell this splendid stock farm so that any good farmer can pay for it, or will exchange it completely equipped for small farm or moderate priced city or suburban real estate.
The buildings are in perfect condition—the barns nearly new, stabling for fifty head of stock and ten horses, never failing water, good fences and land in high state of cultivation, nice modern house and tenant house.
Located on State Road, near fine town, railroad and lake.
Any man looking for a good farm with a little money, ought not to pass this up. Let us show it to you.
FELLOWS, CLARK & ALBRIGHT, Syracuse, N. Y. Wieting Block.
Telephone Warren 1780.

THE CEDAR VALLEY COW TESTING ASSOCIATION, Waverly, Iowa
This association has more certificates of production won by its cows than any other association in Iowa.
The herd showing the greatest net profit of any in Iowa.
The herd showing the greatest gross profit of any in Iowa.
These are evidences of the fact that this is the real live progressing association.
JOHN BALLOU, Pres., GLENN INGHAM, Sec. Waverly, Iowa

ABORTION IN CATTLE

PREVENTED AND CURED PERMANENTLY
YOUR COWS MADE PROMPT. REGULAR BREEDERS BY
STERILOID

TREATMENT If STERILOID is used at the first sign of abortion the cow will go her full time and have a healthy calf. If your cows or heifers do not come in season, or fail to get with calf, use STERILOID. Cows get with calf after only one treatment. Write today for **FREE BOOK.** It explains the causes and symptoms of Abortion and tells how to cure Abortion, and make your cows regular, healthy breeders with STERILOID. Also contains letters from breeders who have used STERILOID successfully.

GUARANTEE We will refund money in every case when STERILOID FAILS to make good. PRICE $1.00, Mailed Postpaid, in plain wrapper.

Martin Remedy Co. Dept. E, 398-408 Columbus Ave., New York City. Reference—Colonial Bank.

LAKESIDE HERD

offers rarely bred, choice, serviceable bulls.

1st. Segis Butter Boy Pontiac, born April 1st, 1915. Sire, King Segis Pontiac Alcartra, the $50,000 bull. Dam, Terracelawn Butter Boy Topsy, 4 years 27.48 lb. butter, 565.20 lb. milk in 7 days, a daughter of Pietertje Hengerveld Segis, sire of 55 A. R. O. daughters, some over 30 lbs., and his sire was the great King Segis, and his dam Blanche Lyons De Kol, 33.31 lbs. butter from 608.8 lbs. milk. She is dam of a 30.72-lb. daughter, and she has two sisters, from same dam, over 30 lbs. If you could find this breeding you could not buy at as low figure as I am offering this fellow. He is an excellent prospect. Fourteen of his nearest dams average 30.17 lbs. butter in 7 days.

2nd. Model Butter Boy, born May 18, 1915. An excellent specimen of the Lakeside Model family, combining individuality, uniformity, large average production, high per cent of butter fat and presistency. His sire is Lakeside King Segis Alban De Kol, one of the finest and best sons of the great King Segis, and a noted show bull. He has 24 A. R. O. daughters. All his daughters tested as 3-year-olds have made from 23 to 26.24 lbs. butter in 7 days, the average being 24½ lbs. Dam is an excellent cow, a sister to Annie De Kol Butter Girl, three times over 30 lbs., also to Pauline Govers De Kol, 30.02 lbs. She made 22.02 lbs. in poor condition, is a very superior year around producer. This fellow is three-quarters white, and a fine one.

Also several others, all at low prices, for breeding and quality. If in need of a bull you should learn particulars, as they are hard to duplicate at much higher figures.

E. A. POWELL

904 W. GENESEE ST. SYRACUSE, N. Y.

Pocket Herd Registers

Certificate Envelopes, $1.00 per hundred
Official Test Books, 60 cents each
Pedigrees Printed and Typewritten
Catalogues Carefully Compiled
Headquarters for Sale Management

HOLSTEIN SALES COMPANY

ELGIN - - - - ILLINOIS

Canadian Department

(Continued from page 1057)

It will mean a considerable loss to some breeders who have low testing herds, as they will have to begin and build up a new herd of higher testing individuals, if the cheesemaker can produce a better quality cheese, he will also command a better price and will be able to pay the farmer a better price for his milk.

At the present time cheese is commanding a high price and farmers are getting good returns, but they must look to the future when the market may not be so good and then they will find that the quality of their cheese will make the price, and not the demand.

If the cheesemaker has poor material to work on, the patrons cannot expect to receive the best prices, and it is of no use to put the blame on the maker.

There is one other feature in the act which is a good one and that is that all whey returned in the cans that milk is brought to the factory in must be pasteurized. This is another step in the right direction and one that should have been in force long before.

With Holsteins, breeders can aim to produce a large flow of milk testing from 3.5 to 4% fat and get good returns.

The first step to be considered in the changing of a herd of large producers with a low percent of fat to one with a higher percent is the selection of a good herd sire, with backing for many generations and these can be obtained from breeders in United States and Canada who have been breeding their herds along proper lines.

The Brant district Holstein Breeders held their regular meeting in Mr. Schuyler's Office, Brantford, on Saturday, April 8th, at 1 p. m., with the President in the chair, and a goodly number of members present Eleven new members were added to the roll since the February meeting. The club decided to hold a picnic early in June at the home of Mr. Bailey, Paris.

After the transacting of general business, J. W. Richardson, Caledonia, gave a very interesting talk on his visit to Mr. Hardy's Farm at Brockville, through which much interesting information wos derived.

The Brant breeders are certainly doing everything to hold their members together, the idea of holding a picnic in June will be the means of bringing the members together, when a lot of useful information may be gained from practical talks with good cows on hand to demonstrate the different points of our favorites. Championships are changing every day.

Last month A. C. Hardy's cow created a new record for Canada, by increasing her previous record, and now we have another new champion for honors in the mature class from that well known herd at Lakeview Farm, Bronte owned by Major Osler and under the management of T. A. Dawson.

Their fine cow "Lakeview Rattler" bred and owned by the Lakeview Stock Farm has just completed her 7 day record with 724 lbs. milk, 37.54 lbs. butter, average per cent fat, 4.14 and best day's milk, 110.5 lbs. She displaces A. C. Hardy's cow by a small margin, Belle Model Johanna 2nd's record being 37.34 lbs. butter.

It must be pleasing to Major Osler to know that while he is away fighting for his country that his herd is in such good hands and making such splendid records. This is the second championship to go to the Lakeview Herd this year. A photo of "Lakeview Rattler" appeared in the April 22 issue of the World on page 940.

What Does Silage Cost?

The acres used and cultivated time and again, and the area to be gone over to get the fodder—aren't these the big items in Silage cost?

Nitrate of Soda, as a Top Dressing worked in at last cultivation, will lessen your charges and cheapen production of Silage.

Bigger, more succulent stalks and bigger ears will be yours.

Send post card for free book on "Corn Cultivation"

DR. WILLIAM S. MYERS
25 Madison Avenue, New York

The Breeders Write Us

(Continued from page 1046)

which we believe is greater than the first three daughters of any other cow.

Our bull's sire, Matador De Kol Walker is a grandson of Beauty Pietertje 30.51 the first 30 lb. cow to have a 30 lb. daughte He is a full brother to a 33.54 lb. 4 year old and already is sire of a 29 lb. 4 year old that gave 100 lbs. milk in a day, a 28 lb 4 year old and a 27 lb. 3 year old and several others above 22 lbs. as three and four year olds.

We are getting some very nice calves and our sales have been good. We are getting a good response to our seed potato advertisement.

Harold Hubbs.

Kirkville, N. Y.

Sold to New Hampshire

Auray Farms, Sparta, N. J., write:—We recently made to C. A. Davis, owner of the Big Maples Herd Purebred Holsteins, at Goffstown, N. H., a sale that we are pleased to report: a very promising daughter of our young De Kol 2nd Bull, Pietertje Paul Elsie, bred from one of our first A. R. O. daughters of King Segis Pontiac Clorinda. Have tested but five so far and they average over 16.50 lbs. in seven days, testing 4 per cent on ordinary light feed and under absolutely normal conditions. The best one, still on test, is making better than 18 lbs. and with her constitution, striking individuality and evident ability will doubtless develop into a great cow. Mr. Davis' foundation heifer is Auray Clorinda Segis 2d; 1st dam, Auray Clorinda Segis, 16.21 lbs. at 2 years 2 months; 2d dam, Auray Katrina Segis, 27.30 lbs. in 7 days and 111.33 lbs in 30 days at 4 years; 3d dam, Pontiac Harmonia, (best daughter of Pontiac Burke and one of our foundation cows) 28.55 lbs. in 7 days and 118.81 lbs in 30 days. We own, and expect to still further develop all three dams, and class them one of the best living families of the breed. She is double great grandaughter of King Fayne Segis, that great bull's blood being represented on both sides of the pedigree, by Auray Elsie Segis at 4 years, 28.21 lbs. and Auray Katrina Segis at 4 years, 27.30 lbs.—two of his very best daughters. We expect to use our young King Lyons Bull (King Lyons—King Fayne Segis) upon a good many of our Clorinda heifers this season and expect excellent results from the making. Have already booked several advance orders for young bulls from this most desirable combination of breeding.

Records on Youngsters

S. M. Strickland of Strickland Farm, Carthage, N. Y. reports the following records recently made:

Changeling Queen, No. 246176, at 2 years, milk 385, butter 15.45.

Canary Changeling Queen at 2 years, milk 390, butter 19.06.

Donna Lyons Cornucopia, No. 195938, at three years, milk 467, butter 21.95.

Lyons Cornucopia Butter Girl, No. 195941 at 3 years, milk 459.6, butter 21.23 7 days, for 14 days, milk 921, butter 41.96.

Manor Artis Inka, No. 220978 at 2 years milk 391.2, butter 17.82.

Hengerveld Lockspur Maid Sister, No. 219151, at two years, milk 393.7, butter 20.28, average 4.12 per cent.

Oakvale Lucy Korndyke at 2 years, milk 428.4, butter 19.51. (No. 215644). Highest day's milk 56 lbs.

Oakvale Clara Korndyke, No. 215640, at 2 years, milk 386.9, butter 15.46.

Oakvale Lola Korndyke, No. 215643, at 2 years, milk 424.5, butter 18.18. Highest day's milk, 63 lbs.

Nellie Mantel 2nd, No. 260626, at 3 years, milk 498.5, butter 19.54.

Korndyke Daisy Johanna, No. 260624, 3 years, milk 458.2, butter 19.73.

Alexiana Lyons Conucopia, No. 173176, 4 years, milk 430.9, butter 21.19.

When you stop to consider that these are young records, we feel as though our herd was certainly making the right start and next year we may expect some good, large records.

During the next month, we expect to test nearly the balance of our herd, giving us a record on each cow in our herd of nearly one hundred head, which means to the buyer when he buys at the Strickland Farm, that they will be worth more later.

A New Penn. Champion

A new leader has come to the frout in the competition for the Trophy Cup awarded annually by the Chester Co. Holstein-Friesian Breeder's Association for the best official seven-day record under an age handicap.

Twin Brook Lass, 207812, owned by W. B. Devaney, Berwyn, Pa. has just completed the following highly creditable records at the age of 28 yrs. 10 mos. and 13 days:-

Butter 24.746 lbs., milk 546.3 lbs., butter 14 days 48.668, milk 1047.4, best day's milk 79 lbs. The cow she displaces is her own dam, Norma Mercedes De Kol Pauline, 84408, whose record at full age is 25.807 lbs. butter and 620.6 lbs. milk, also owned by Mr. Devaney.

Twin Brook Lass ranked second in last year's competition with a record of 18.352 lbs. butter made at 1 yr. 10 mos. and 14 days, and the cow that took first place was a half sister to her, both being sired by Sir Korndyke Pontiac Artis 3rd, 61129, whose breeding is indicated by his name.

This record also makes Twin Brook Lass State champion in her class and unless all signs fail she will annex other honors in the years to come.

Philip M. Hicks, Secretary
Chester Co. H. F. Breeder's Association
Avondale, Pa.

CAZENOVIA BREEDERS

LORENZO FARM
Cazenovia, N. Y.
Inquiries asked for A. R. O. cattle
Charles S. Fairchild

Son of a 30-lb. Cow—Sired by King of the Pontiacs Small Hopes, whose first 3 daughters average over 20 lb. at 2 years, one being the champion heifer of the State of Washington. He is one of the good sons of King of the Pontiacs. This is a beautiful, square-built individual ready for service, and a desirable herd-header any way you look at him. Send for complete information. **J. A. Fuggle, Sulphur Springs Farm, Cazenovia, N. Y.**

FOR SALE—Farm of 108 acres, 10 acres in alfalfa, 30 more will raise alfalfa, 10 acres good for garden truck if wished. Buildings all newly repaired, new silo, barn 90 feet long, 30 stanchions, 5 horse stalls, 2 box stalls, 10-room house with running water in house and barns. The farm is well watered, never fails. This farm is 20 minutes drive from four villages. Wintered 30 head of cattle and 5 horses last winter and sold hay. Had 20 tons ensilage left. Now if it is a bargain you want in a farm, it will pay you well to come and see me. I also have 3 more farms to sell and they must be sold. Terms easy.

R. D. LEE **CAZENOVIA, N. Y.**

MEADOWOOD FARMS, Cazenovia, N. Y.
PURE BRED PEDIGREED
HOLSTEIN-FRIESIAN CATTLE
CHESTER WHITE SWINE
S. C. WHIT LEGHORN POULTRY
STOCK FOR SALE
W. G. Chard, Prop. A. L. Shepherd, Mgr.

I HAVE A 1915 7½-H. P. INDIAN MOTORCYCLE, nearly new, in fine running condition, that I wish to exchange for registered Holstein-Friesian heifer calves. The motorcycle is fully equipped.

Harold B. Lee **Cazenovia, N. Y.**

FOR SALE

Daughter of Changeling Butter Boy 41398 and Tidy Abbekerk Prince 37770. We have a few bulls left, yearlings and calves. Write for particulars.

GEORGE F. BLEWER ESTATE
NEWARK VALLEY, N. Y.

BARKER FARM HOLSTEINS

Herd Sires: **Spring Farm King Pontiac Mercedes, 104884,** two nearest dams average 32.956 lbs., and **Finderne Netherland Korndyke, 155460,** son of the world record junior two for 7 and 30 days and by a brother to the 40-lb. 4-year-old.

Young bull calves for sale, also some very good pure-bred and high grade females, all ages. Send for pedigrees and information.

C. P. BARKER
Chippewa Falls **Wisconsin**

KING SEGIS PATENT LOCK

Ear Tags, Bull Staffs and Ring
Description and price sent on application. 300,000 of ear tags

have been sold without adverse criticism. 500 of these Bull Staffs are used by the best breeders in the business.

H. A. MOYER **Syracuse, New York**

The Balsams Stock Farm

Balsams Mercedes Segis

Born March 6, 1915. He is more black than white. Has wonderful conformation and style.

Sire: Agricola Urmagelsche Segis, No. 104338. A sire that is richly bred and is producing daughters that are right.

Dam: Colantha Butterfly Mercedes, No. 184741, a junior four that has just made 24 lbs. This is a worthy granddaughter of Colantha Johanna Lad and De Kol Creamelle. The way she has developed she looks liks 30 lbs. next time.

HENRY S. HALE, Owner **P. A. CAMPBELL, Mgr.**

Box B, Dixville Notch, N. H.

READ THIS

20 nearest dams average 28.70 lbs. butter in 7 days.

30 nearest dams average 26.45 lbs. butter in 7 days.

Every dam in his six generation pedigree except one Holland cow in the sixth generation has an A. R. O. record.

Perfect individual. Nice color.

LIKE PRODUCES LIKE

How can you go wrong with this young bull to head your herd?

Sire: THE KING

Dam—Maplemont Pietje Creamelle, a 16.60-lb. 2-year-old daughter of **Pietje Alcartra Fayne.**

Born Nov. 22, 1915.

Price $1,000.

MAPLEMONT FARM

J. W. PRENTISS & SON **ALSTEAD, N. H.**

National Dairy Show Bulletin

W. E. SKINNER, General Manager

The National Dairy Show being held this year in Springfield, Massachusetts, upon the grounds of the Eastern States Agricultural and Industrial Exposition Association, is an event of ational moment.

In order that the movement of the National Dairy Show to Springfield may be thoroughly understood by everyone connected with the Dairy industry, a second word of explanation probably should be given .

A group of energetic bankers, manufacturers, merchants and professional men of New England have for two years been leading up to a great Agricultural movement for their section of the country believing that a resuscitation of agriculture was extremely necessary for the prosperity of their states. This movement culminated a year ago in the organization of the Eastern States Agricultural and Industrial Exposition Association, and as the group of men forming this association, having agreed amongst themselves that dairying seemed to offer the best mode of procedure with which to resuscitate agriculture, they came to the National Dairy Show for help, and urged the Directors so strongly to come to their aid that it was decided to hold the 1916 Show in the buildings upon the grounds of the Eastern Association. The entire dairy and farm press has been backing the movement of the Eastern people, giving publicity to their newspaper articles, and this has possibly confused the minds of many people that there was a combination of interest between the National Dairy Show and the Exposition Association; this is the point we want to set square in every man's mind: The National Dairy Show Association, with headquarters in Chicago, will hold its own show this year under its own management, at Springfield. Mass., to start off the great work which the men of New England have undertaken for agriculture. Each year thereafter the New England men will go forward with a big Exposition of their own management, on their own grounds.

BULL BORN APRIL 26th, 1915

Sire, Hengerveld Homestead De Kol, whose three nearest dams average 644 lbs. milk and 30.49 butter in 7 days. Dam of calf is a 25.41-lb. junior 3-year-old daughter of Dutchland Colantha Sir Inka, the first son of a 30-lb. cow to have five 30-lb. daughters and eight junior 2-year-old daughters with semi-official records above 630 lbs. butter at 8 years of age. Calf is a good individual, about three-fifths white. Price $400.

JAMES PHELAN Forestville, N. Y.

STEVEN'S CALF MEAL
IS WHAT YOU'VE BEEN WANTING

Perfected in the famous Stevens' herds. It is not an experimental product. You need it.

It takes the place of milk—Is absolutely digestible—It grows the calves well and keeps their bowels in good condition.

STEVENS' CALF MEAL has rice flour as a base the balance of the feed consisting of wheat bran, wheat middlings, wheat flour, dry blood, charcoal, old process linseed oil meal, Sesame Oil Meal, Cocoanut Meal and a small per cent of ground Funnugreek Seed, ground annice and salt.

Try out a small lot and test it for yourself.

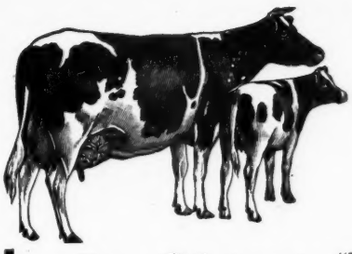
Price—to introduce this feed—$55.00 per ton, frt. prepaid east of Mississippi River on lots of 500 lbs. or over—Cash with order.

STEVENS' MILLING & FEED CO. **LACONA, N. Y.**

We Want Every HOLSTEIN BREEDER To Try This CALF MEAL

■

It Proves Itself



WE INVITE YOU TO JOIN OUR ASSOCIATION

Its Objects "To improve the breed of Holstein-Friesian cattle, ascertaining, preserving and disseminating all useful information as to their pedigrees and desirable qualities, the distinguishing characteristics of the best specimens, preparing, publishing and supplying all necessary volumes of the Holstein-Friesian Herd Book, and generally for promoting and securing the best interests of importers, breeders and owners of said cattle, and thereby the public generally." (Extract from Constitution.)

Membership Fee $25.00 In pursuit of our objects we have for the past eight years given wide publicity to the merits of the breed. Our announcements in the principal agricultural papers have reached the breeders and dairy farmers. The general public has learned to know the value of Holstein Milk from our advertising in the leading national magazines. The medical publications have also carried our advertising addressed to physicians, proving to them the superiority of Holstein Milk for infant feeding, for invalids, convalescents, and also for the aged.

The success of our efforts in the above directions can readily be understood by a glance at the following statistics:

	1908	1914
Average value of Holstein-Friesian cattle at public auctions	$ 150	$250
Number of registry and transfer certificates issued	36925	134280
Total membership of association	2216	7866

If you're interested and want application blanks or some of our printed matter address

Holstein-Friesian Association of America

Box 182 **Brattleboro, Vermont**

We offer a Son of Friend Hengerveld De Kol Butter Boy

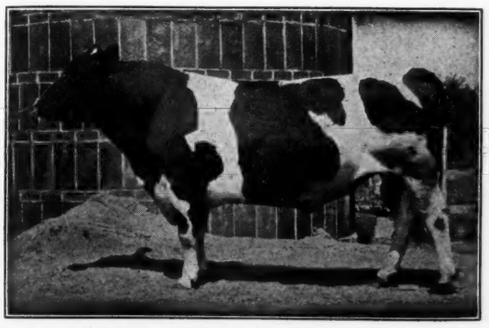
out of Maplecrest Pontiac De Kol Lady—Semi-official, 1 year, Butter 1018.43 (4 years) 7 days 31.12 (5 years). Friend Hengerveld De Kol Butter Boy has 4 daughters over 1000 lbs. and 3 over 1200 lbs. semi-official. Dam's sire Pontiac Aaggie Korndyke has 5 daughters over 1000 lbs. and 3 over 1200 lbs. semi-official.

Evenly marked—straight, broad anu deep.

LUCILLE JOLIE PONTIAC
Fat 19.148, Milk 463.10 Sr. 4-year-class—8 mo. division (World's Record)

ONA CLOTHILDE DE KOL
(12 years) Butter 26.44 Milk 668.50

Young Bulls from above Cows For Sale



ONA FEDORA DE KOL
Butter 30.52, Milk 650.60

ONA BUTTON DE KOL
Butter 30.29, Milk 608.40

ONA CLOTHILDE WAYNE
Butter 32.60, Milk 767.10

MAPLECREST PONTIAC HARTOG 62178 — Senior Sire

The only bull in the World having thirteen 30-lb. sisters, two of which exceeded 35 lbs., three having yearly records in excess of 1200 lbs., and five above 1000 lbs. His dam is Ohio's first 30-lb. cow. She has a daughter having a yearly record of over 12000 lbs., who in turn has a 1200-lb. daughter.

SIR PIETERTJE ORMSBY MERCEDES 40th 132722 — Junior Sire

THIS YEAR EIGHT COWS PRODUCED 94 TO 114.10 POUNDS OF MILK IN TWENTY-FOUR HOURS

MEADOWHOLM HOLSTEIN COMPANY **CHESTERLAND, OHIO**

PETER SMALL, President and General Manager **KARL NIMS, Herdsman**

Livingston County Holstein Breeder's Sale Company

announces a

SECOND ANNUAL SALE

of 100 HEAD REGISTERED HOLSTEINS at the Sale Pavillion on the Fair Grounds ar HOWELL, MICH., on WEDNESDAY, MAY 17, 1916 at 10:30 A. M.

Seventy-five per cent of our offerings are under 4 years old and include 5 granddaughters of the $50,000 bull, 6 of Colantha Johanna Lad, and 2 of Pontiac Korndyke, 4 daughters of King of the Hengerveld, 10 from a 30-lb. bull and 11 from a grandson of Pontiac Korndyke. Our reference sires are a superior lot and include a son of **Mabel Segis Korndyke 40.32** lbs. at 4 years old and sons of cows with records from 29 to 35 lbs., from well known sires. A fine chance to get gocd young foundation stock. Remember the date. Catalogs May 7th.

F. J. FISHBECK, Sec'y. Howell, Michigan

PERRY & MACK, Auctionèers

For Sale

Twelve finely bred heifers ranging from eight months to two years old, sired by Paxton Count Heegstra No. 110602 from A. R. O. dams. Four of the number are two years old and bred to Paxton Nannettson Pontiac Artis No. 162971 and due to freshen in May and September.

Elys-Elyn Farm Paxton, Mass.

C. A. SEVERANCE, Supt.

KING OF THE BLACK AND WHITES

His six nearest dams are all 30-lb. cows. Nine of his daughters sold during the past winter at an average of $860.00.

Bull ready for service. Dam, a 23.24-lb. 2½-year-old.

One nearly ready for service, also bull calf from a 23.27-lb. at 3¼ years old, born January 26, 1916. If interested in any of these write for pedigree.

LOCKHART HOLSTEIN FARM - SOLSVILLE, N. Y.

MANOR FARMS OFFER FOR SALE

One Bull Calf, nearly all white, beautiful individual and right every way. Sire, a son of King of the Pontiacs out of a 26.80-lb. four-year-old. Dam, a daughter of Belle Korndyke Beryl Wayne, record 22.57 lbs. Will be sold cheap. Write for pedigree.

MANOR FARMS : : : Pierrepont Manor, N. Y.

Pioneer Days in Oklahoma

(Concluded from page 1070)

cultural College. The owner of the cow must also make oath that rules of the association have been complied with.

"Under these restrictions these hiefers made the following showing:

"Gypsie Pesch Burk Homestead, No. 259461, born 2-8-14, dropped last calf 3-6-16. For the seven days from March 20 to March 26, 1916, made a total yield for the seven days of 302.1 pounds of milk, containing 9.759 pounds of fat. It will be observed that this heifer was only 2 years and 28 days old when she dropped her calf; that she made almost 5 1-2 gallons of milk per day; that she made more than twelve pounds of butter on the 80 per cent basis, in the seven days. She dropped a bull calf which weighed when dropped 96 pounds.

"River Valley Aaggie Ormsby, No. 238654, born 1-30-14, dropped last calf 3-14-16. For the seven days from March 20 to March 26, 1916, made a total yield for the seven days of 281.8 pounds of milk, containing 10.312 pounds of fat.

"It will be observed that this heifer was only 2 years, 2 months and 11 days old when she dropped her calf; that she made over 5 gallons of milk per day; that she made almost 13 pounds of butter in the seven days. She dropped a heifer calf which weighed at birth 108 pounds.

These heifers are still giving more than 5 gallons of milk each per day, and on the care of the ordinary cow. I mean by that, that they are getting only 1 pound of feed for every 3 1-2 pounds of milk they give, which is the ordinary amonut that any ordinary cow should receive. While they did not do quite so well as we hoped for, under the official test, still we feel that they did fairly well when we consider that they made the trip from Wisconsin only ten days before one of them dropped her calf. We wish that other parties would buy and handle even such as they are. Soon Okfuskee county would have much better cows than these."

The World is proud to record this story of a beginning, even if it is a beginning of things with which the average reader of this publication is entirely familiar. We witness here the beginning of a great development for all over the grazing lands of the great west the light of dairy success is breaking and it is through the efforts of such pioneers as Mr. Blackman that the regeneration of this country will be effected.

Will Sell Entire Herd

R. E. Haeger, Algonquin, Illinois, writes us and sends a half page ad. announcing his Decoration Day Dispersion Sale on May 29th and 30th.

It may be a surprise to the public to know that I have decided to close out nearly my entire herd, but on the other hand it has come to a point where we either had to quit the auctioneer game or sell the cattle. We have been years building up this herd and it combines the greatest lines of breeding and individuality of anything to be found, and in offering these to the public it will give us the satisfaction of offering the best bred and best individual lot ever consigned from one herd. This is quite a broad statement but we have the cattle to prove what we are saying. When one considers the continuous show record of this herd for the past ten years, in the

Strickland Farm

Established 1894

The Real Holstein Farm

Bull born October 10, 1915, sired by Spring Farm King Pontiac 14th. His dam, Orpha Pontiac 31.49, dam of calf, Changeling Queen, with a 16-lb. two-year old record, her sire a 30-lb. sire. This heifer will increase her record when she freshens again. She is a beautiful individual, large and straight as a line. Her dam has 20.68. Now this young bull is a beautiful individual, as straight as a line. First check for $300 takes this calf and I guarantee him right. Another thing to remember, we will retain all the daughters of his sire, Spring Farm King Pontiac 14th, and develop them. I also guarantee to raise dam's record of young bull. Mr. Breeder, think this fellow over and write for photo and pedigree.

S. M. Strickland

Carthage, N. Y.

hottest company to be found, this combined with the best and most popular lines of breeding, surely must appeal to you

The two herd sires, Woodcrest Hengerveld De Kol and Oakland Paul Beets Burke, have been used in the herd for some years and in addition to these King Segis Pontiac and Johanna McKinley Segis were added three years ago. Mated to these great sires have been daughters of Hengerveld De Kol, Paul Beets De Kol, Pontiac Korndyke, De Kol 2nd's Butter Boy 3d, Lord Netherland De Kol, King of the Pontiacs and many others of the breed's best sires. When one stops to think of the above sires crossed on to females of this breeding, you surely can expect to find just what we are advertising, "The Best Bred and Best Individual lot to be offered."

The one big feature of this sale will be about fifty daughters of King Segis Pontiac, in ages from two years old and under and the best lot of heifers ever offered at auction by one sire. Was I to continue a large herd of Holsteins this very bunch of heifers would be reserved and I believe developed into one of the greatest lot of females in any herd. From our past years of experience we have always found that the purchaser appreciated quality and we know quality of this kind are the very ones you like yourselves, and I know full well that the cattle that I am placing in this sale are the kind that the public likes and the very kind that every breeder refuses to sell. We have held many sales and consigned good cattle to them, but at the same time always reserved a number of the best for our own herd, but in this sale I can assure you that I am putting in the very tops of the herd as everything that is straight and right and of a salable age will go. Not a blemished animal nor one that we have to make an excuse for will be offered in this dispersion. When you see them, there will be no question but what you will say, that they are the greatest lot of individuals you ever saw in one sale.

They are faultless individuals, it is fashionable breeding and all are prime in age.

KING COLANTHA CLOTHILDE 3d 98849

Heads our herd. His six nearest dams, including one 3-yr-old, average 30.58 lb. His sire, King Colantha Clothilde, was by Colantha Johanna Lad, the great son of the first 35-lb. cow, and from Abby Hartog Clothilde, the only 31-lb. cow having a 30-lb. 4-yr-old daughter that has a 30-lb. 3-yr-old daughter. The dam was from Mary Walker Pietertje (31.81 lb.), the only 31-lb. cow having a dam with 32.9 lb., and a daughter with over 31 lb. The dam's sire is Beauty Pietertje Butter King, son of Beauty Pietertje (30.51 lb.), who has a 30-lb. daughter with a 30-lb. daughter, and Clothilde Goudgeld Hugo, who has two 30-lb. daughters, each with a 30-lb. daughter and granddaughter.

We can offer several bull calves by this sire and all from officially tested dams at exceptionally low prices, as we need the room.

Flock Brewing Co.

LOYALSOCK HERD

WILLIAMSPORT, PA.

41.06 lbs.

Breed Your Best Cows to "King Korndyke Veeman"

33.13 lbs.

Full Brother to a 26.2-lb Two-Year-Old

Dam: Jessie Veeman Duchess De Kol, butter 7 days 33.13 lbs, 30 days 135.96 lbs. She is one of the best daughters of the great bull, Sir Veeman Hengerveld, who si the sire of nine 30-lb. cows. She is the dam of a 26.2-lb. two-year-old and a 26.6-lb. three-year-old.

Sire: King Korndyke Sadie Vale, whose dam has a record of 41.06 lbs., and sire's dam 37.2 lbs. butter in 7 days. His first seven daughters to freshen average over 24 lbs. butter in 7 days at 2 years 5 months of age. Three of them above 26 lbs., an unequalled showing. He is a brother to a 40-lb. world's record four-year-old.

King Korndyke Veeman is a very nice individual, of large size, and will surely be heard from in the future. Approved cows will be accepted for service. Write for terms and extended pedigree.

WISCONSIN STAR STOCK FARMS, Edwin M. Schultz, Hartford, Wis.

The Pontiac Herd

"WHERE THE CHAMPIONS COME FROM"

Offer Bull Calves sized by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje.

Do you want a Pontiac in your herd?

Pontiac State Hospital Pontiac, Mich.

UP-TO-DATE

Typewritten Pedigrees

SEVENTY-FIVE CENTS EACH

Sale Catalogs - - $2.50 per page

Give name and number of sire and dam of animals having numbers above 278175 in cows and 155860 in bulls.

F. G. JOHNSTON

37 W. Lane Ave. Columbus, Ohio

Fairview Stock Farm Offers For Sale

2 good A. R. O. cows and one of my herd bulls, the two nearest dams average 27 lbs. butter in 7 days. A grand individual. $600 for the three.

A. C. THORSON Baldwin, Wis.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Munro Camillus, N. Y.

RIVER VALLEY STOCK FARM

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

John Dehmlow, Algonquin, Ill.

For More Milk and Butter use

"Schumacher Feed"

THE QUAKER OATS CO.

Chicago, Ill.

WANTED—TO EXCHANGE

Small herd of registered Jersey Cows (tuberculin tested) for registered Holstein cows.

N. G. GEIL

c/o First National Bank Bethel, Ohio

Rich in the blood of Pontiac Korndyke, Colantha 4th's Johanna, De Kol 2d and Hengerveld De Kol the best of the breed. One whose dam and grandam both have records of over 31 lbs., 7 days, one son of Pontiac Korndyke. Also a few cows, bred to a son of Pontiac Korndyke.

WM. N. OSBORN

Box 700 Wanatah, Ind.

RAW ROCK PHOSPHATE

WRITE FOR DELIVERED PRICES

ROBIN JONES PHOSPHATE CO.

NASHVILLE, TENN.

Canadian Official Records of Holstein-Friesian Cows

From April 1st to April 15th, 1916

MATURE CLASS

Lakeview Rattler, 11364, at 8y. 2m. 24d; milk 724.0 lbs.; fat 30.03 lbs. equal to 37.54 lbs. butter. Owner, Lakeview Farm, Bronte, Ont.

Rosaline, 9214, at 8y. 10m. 20d.; milk 658.3 lbs.; fat 24.62 lbs., equal to 30.78 lbs. butter. Owner, Ashton Somers, Villa Nova, Ont.

Lakeview Queen, 13069, at 6y. 1m. 6d; milk 564.0 lbs; fat 22.55 lbs, equal to 28.20 lbs. butter. Owner, Lakeview Farm, Bronte, Ont.

Trenton Keyes, 9036, at 8y; 10m; 9d; milk 647.6; fat 22.09 lbs, equa lto 27.61 lbs. butter. Owner, B. Mallory, Belleville, Ont.

Nora Darling, 6346, at 11y. 0m. 26d; milk 516.7 lbs; fat 22.04 lbs., equal to 27.56 lbs. butter. Owner, Ashton Somers, Villa Nova, Ont.

Daisy DeKol of Riverside, 11603, at 7y 9m. 4d; milk 528.2 lbs; fat 21.79 lbs., equal to 27.25 lbs butter.

Fourteen day record at 7y. 9m. 4d; milk 1039.0 lbs; fat 42.32 lbs., equal to 52.91 lbs. butter. Owner, J. W. Richardson, Caledonia, Ont.

Nancy Wayne of Riverside 4th, 6318, at 10y. 10m. 27d; milk 520.8 lbs; fat 20.46 lbs., equal to 25.588 lbs. butter. Owner, J. W. Richardson, Caledonia, Ont.

Flora DeKol Maid, 11000, at 7y. 11m. 5d; milk 592.6 lbs., equal to 25.31 lbs butter. Owner, Bertram Hoskin, Grafton, Ont.

Dot of Elmwood, 10046, at 8y. 3m. 17d; milk 560.6 lbs; fat 19.38 lbs., equal to 24.23 lbs. butter. Owner, R. J. Kelley, Culloden, Ont.

Aggie Echo Netherland DeKol, 15939, at 6y. 0m. 9d; milk 600.7 lbs; fat 19.06 lbs., equal to 23.83 lbs. butter. Owner, George D. Wright, Frankford, Ont.

Daisy Bell Keyes, 16200, at 5y. 8m. 6d; milk 543.4 lbs.; fat 18.73 lbs., equal to 23.42 lbs. butter.

Fourteen day record at 5y. 8m. 6d; milk 1038.5 lbs; fat 36.20 lbs., equal to 45.26 lbs. butter. Owner, Allison Bros., Chesterville, Ont.

Carmen Sylvia 4th DeKol, 10051, at 7y. 11m. 15d; milk 581.8 lbs; fat 18.70 lbs., equal to 23.38 lbs. butter. Owner, Gideon Brownsberger, Stouffvillle, Ont.

Mary Ann Netherland, 13268, at 6y. 10m. 27d; milk 475.9 lbs; fat 18.00 lbs., equal to 22.51 lbs. butter. Owner, G. A. Hogg, Thamesford, Ont.

Isabella Baker, 10019, at 8y. 0m. 18d; milk 460.5 lbs; fat 17.78 lbs., equal to 22.24 lbs. butter.

Fifteen day record at 8y. 0m. 18d; milk 958. 4 lbs; fat 37.49 lbs., equal to 46.87 lbs. butter. Owner, Peter S. Arbogast, Mitchell, Ont.

Sharon Queen Pietertje, 13996, at 6y. 9m. 24d; milk 446.3 lbs; fat 17.43 lbs., equal to 21.79 lbs. butter. Owner, C. R. Dyke, Unionville, Ont.

Shadelawn Bewunde, 8582, at 8y. 10m. 18d; milk 537.2 lbs; fat 17.38 lbs., equal to 21.74 lbs butter. Owner, James McKay, St. Mary's, Ont.

Netherland Coin of Campbelltown, 17995, at 5y. 2m. 12d; milk 536.2 lbs; fat 17.21 lbs., equal to 21.51 lbs. butter. Owner, R. J. Kelley, Culloden, Ont.

Sophia of Hanover, 8864, at 8y. 7m. 19d; milk 471.4 lbs; fat 17.20 lbs,. equal to 21.50 lbs. butter. Owner, G. A. Hogg, Thamesford, Ont.

Gamey's Knockaloe May 2nd, 16825, at 5y. 10m. 3d; milk 569.9 lbs; fat 17.18, equal to 21.48 lbs. butter. Owner, J. Stanley Watson, Pine Grove, Ont.

Bessie Bell DeKol Hermes, 13705, at 5y. 10m. 20d; milk 530.7 lbs; fat 16.23 lbs., equal to 20.29 lbs. butter. Owner, Tig. Wood, Mitchell, Ont.

Constance Pauline, 9448, at 8y. 9m. 2d; milk 47.7 lbs; fat 16.13 lbs., equal to 20.16 lbs. butter. Owner, R. J. Kelley, Culloden, Ont.

Helena Pride, 16946, at 5y. 9m. 18d; milk 512.4; lbs; fat 15.00 lbs., equal to 18.67 lbs. butter. Owner, A. D. Foster, Bloomfield, Ont.

Woodland DeKol 2nd, 12858, at 6y. 2m. 11d; milk 418.4 lbs; fat 15.00 lbs., equal to 18.75 lbs. butter. Owner, Richard McNamara, Stratford, Ont.

Ida Aaggie, 12925, at 6y. 11m. 21d; milk 389.8 lbs; fat 15.00 lbs., equal to 18.75 lbs butter. Owner, Thomas L. Leslie, Norval Station, Ont.

Summer Hill Countess, 9287, at 8y. 10m. 2d; milk 412.8 lbs; fat 14.93 lbs., equal to 18.67 lbs. butter. Owner, C. R. Dyke, Unionville, Ont.

Blossom Pietertje, 15593, at 5y. 11m. 22d; milk 393.2 lbs; fat 14.08 lbs., equal to 17.60 lbs. butter. Owner, Thomas L. Leslie, Norval Station, Ont.

SENIOR FOUR YEAR CLASS

Plus Pontiac Artis, 16792, at 4y. 10m. 26d; milk 552.7 lbs; fat 25.24 lbs., equal to 31.55 lbs. butter.

Fourteen day record at 4y. 10m. 26d; milk 938.6 lbs; fat 47.34 lbs., equal to 59.18 lbs. butter.

Thirty day record at 4y. 10m. 26d; milk 2185.3 lbs; fat 101.20 lbs., equal to 126.51 lbs. butter. Owner, Samuel Lemon, Lynden, Ont.

Princess of Wellesley 2nd, 20167, at 4y. 11m. 9d; milk 480.7 lbs; fat 17.68 lbs., equal to 22.10 lbs. butter. Owner, George Ruckle, Ingersoll, Ont.

Millie Leigh Posch, 19280, at 4y. 9m. 17d; milk 538.5 lbs; fat 17.39 lbs., equal to 21.74 lbs butter. Owner, E. C. Chambers, Hatchley Station, Ont.

Boutsje Johanna, 18978, at 4y. 10m. 11d; milk 394.4 lbs; fat 15.25 lbs., equal to 19.05 lbs. butter. Owner, Thomas L. Leslie, Norval Station, Ont.

JUNIOR FOUR YEAR CLASS

Echo Pauline Sylvia, 23687, at 4y. 0m. 3d; milk 500.7 lbs; fat 17.35 lbs., equal to 21.69 lbs. butter. Owner, W. A. Shaw, Foxboro, Ont.

Sylvia Bridal Keyes, 2368, at 4y. 0m. 22d; milk 486.8 lbs; fat 16.19 lbs., equal to 20.24 lbs. butter. Owner, W. A. Shaw, Foxboro, Ont..

Inka Sylvia's Nellie, 23689, at 4y. 0m. 20d; milk 420.3 lbs; fat 15.97 lbs., equal to 19.97 lbs. butter. Owner W. A. Shaw, Foxboro, Ont.

Lawncrest Lee May Echo, 22355, at 4y. 0m. 23d; milk 451.6 lbs; fat 15.37 lbs., equal to 19.21 lbs. butter. Owner, F. R. Mallory, Frankford, Ont.

Alice Pietertje Schuiling 3rd, 23820, at 4y. 0m. 4d; milk 438.0 lbs; fat 14.51 lbs., equal to 18.14 lbs. butter. Owner, Tig. Wood, Mitchell, Ont.

Mollie Teake Mercena, 23611, at 4y. 0m. 15d; milk 408.1 lbs; fat 14.46 lbs., equal to 18.08 lbs. butter. Owner, Isaac Holland, Brownsville, Ont.

Lulu Keyes Inka Sylvia, 23688, at 4y. 0m. 19d; milk 384.3 lbs; fat 13.47 lbs., equal to 16.85. lbs butter. Owner, W. A. Shaw, Foxboro, Ont.

SENIOR THREE YEAR CLASS

Helena Sylvia Posch, 21373, at 3y. 10m. 25d; milk 670.6 lbs; fat 18.51 lbs., equal to 23.14 lbs. butter.

Fourteen day record at 3y. 10m. 25d; milk 1317.7 lbs; fat 35.59 lbs., equal to 44.49 lbs. butter. Owner, A. D. Foster, Bloomfield, Ont.

Annie Posch Clay, 23410, at 3y. 10m. 8d; milk 509.3 lbs; fat 16.05 lbs., equal to 20.26 lbs. butter. Owner, E. C. Chambers, Hatchley Station, Ont.

White Rose Vrouka, 22856, at 3y. 11m. 27d; milk 473.8 lbs; fat 13.77 lbs., equal to 17.21 lbs. butter. Owner, Edward Baker, Winchester, Ont.

Queen Trixie Mercena, 29573, at 3y. 11m. 4d; milk 359,3 lbs; fat 12.89 lbs., equal to 16.12 lbs. butter. Owner, Isaac Holland, Brownsville, Ont.

Isabella Hengerveld, 21012, at 3y. 11m. 8d; milk 448.1 lbs; fat 12.87 lbs., equal to 1609 lbs. butter. Owner, M. H. Hellingshead, Culloden, Ont.

JUNIOR THREE YEAR CLASS

Riverside Korndyke Toitilla, 31902, at 3y. 3m. 7d; milk 405.5 lbs; fat 18.42 lbs., equal to 23.03 lbs. butter.

Fifteen day record at 3y. 3m. 7d; milk 795.8 lbs; fat 36.72 lbs., equal to 45.90 lbs. butter. Owner, E. S. Baker, Guelph, Ont.

Lyons Segis Alta Posch, 24476, at 3y. 1m. 0d; milk 467.5 lbs; fat 17.75 lbs., equal to 22.19 lbs. butter.

Fourteen day record at 3y. 1m. 0d; milk 909.6 lbs; fat 33.59 lbs., equal to 41.99 lbs. butter. Owner, Allison Bros., Chesterville, Ont.

Riverdale Lyons Inka, 23742, at 3y. 3m. 1d; milk 348.7 lbs; fat 17.69 lbs., equal to 22.12 lbs. butter. Owner, Allison, Bros. Chesterville, Ont.

Julia Bell, 26500, at 3y. 3m. 26d; milk 395.0 lbs; fat 14.26 lbs., equal to 17.83 lbs. butter. Owner, James McKay, St. Mary's, Ont.

Melrose Faforit, 22234, at 3y. 5m. 15d; milk 459.6 lbs; fat 14.21 lbs., equal to 17.77 lbs. butter. Owner, J. Stanley Watson, Pine Grove, Ont.

Butter Girl Posch DeKol, 23242, at 3y. 4m. 17d; milk 414.0 lbs; fat 13.65 lbs., equal to 17.06lbs. butter. Owner J. Stanley Watson, Pine Grove, Ont.

Iosco Macena Calamity, 24221, at 3y. 2m. 14d; milk 406.7 lbs; fat 13.23 lbs., equal to 16.54 lbs. butter. Owner, George Ruckle, Ingersoll, Ont.

Queen Bessie, 25451, at 3y. 3m. 17d; milk 329.0 lbs; fat 12.73 lbs., equal to 15.91 lbs. butter. Owner, R. J. Kelly, Culloden, Ont.

Queen DeKol Acme, 22432, at 3y. 5m. 12d; milk 335.9 lbs; fat 12.12 lbs., equal to 15.16 lbs. butter. Owner, C. R. Dyke, Unionville, Ont.

Bessie Bluebelle Calamity, 26499, at 3y. 2m. 15d; milk 336.5 lbs; fat 11.95 lbs., equal to 14.94 lbs. butter. Owner, James McKay, St. Mary's Ont.

Princess Norma, 28239, at 3y. 4m. 0d; milk 340.9 lbs; fat 11.79 lbs., equal to 14.74 lbs. butter. Owner, R. J. Kelley, Culloden, Ont.

SENIOR TWO YEAR CLASS

Daisy May Lassie, 25795, at 2y. 11m. 11d; milk 435.1 lbs; fat 13.18 lbs., equal to 16.47 lbs. butter. Owner, E. C. Chambers, Hatchley Station, Ont.

Grace Hengerveld DeKol, 28473, at 2y. 11m. 0d; milk 427.6 lbs; fat 13.09 lbs., equal to 16.37 lbs. butter. Owner, Edward Baker, Winchester, Ont.

Calamity Mercedes Alice, 29087, at 2y. 11m. 6d; milk 391.1 lbs; fat 12.67 lbs., equal to 15.84 lbs. butter. Owner, Tig. Wood, Mitchell, Ont.

Nettie Winsumer, 29453, at 2y. 10m. 18d; milk 406.4 lbs; fat 21.01 lbs., equal to 15.02 lbs. butter. Owner, M. L. Haley, Springford, Ont.

Violet Rag Apple, 28045, at 2y. 11m. 23d; milk 311.4 lbs; fat 11.72 lbs., equal to 14.66 lbs. butter. Owner, Edwin A. Lloyd, Stouffville, Ont.

Princess Wedo Mercena, 28223, at 2y. 11m. 0d; milk 289.4 lbs; fat 10.83 lbs., equal to 13.54 lbs. butter. Owner, Isaac Holland, Brownsville, Ont.

JUNIOR TWO YEAR CLASS

Tinie Butter Girl Johanna, 31989, at 2y. 1m. 18d; milk 368.0 lbs; fat 14.82 lbs., equal to 18.53 lbs butter. Owner, Robt. Shellington, Hatchley Station, Ont.

Houwtje Johanna Pet, 31986, at 2y. 2m. 19d; milk 373.5 lbs; fat 13.77 lbs., equal to 17.21 lbs. butter. Owner, Robt. Shellington, Hatchley Station, Ont.

Fairmont Pontiac Maud, 31028, at 2y. 1m. 2d; milk 327.6 lbs; fat 13.16 lbs., equal to 16.46 lbs. butter.

Twelve day record at 2y. 1m. 2d; milk 556.5 lbs; fat 21.84 lbs, equal to 27.39 lbs. buter. Owner, Peter S. Arbogast, Mitchell, Ont.

Adeline Schuiling Posch, 31634, at 2y. 3m. 20d; milk 318.9 lbs; fat 13.09 lbs., equal to 16.36 lbs. butter. Owner, J. W. Richardson, Caledonia, Ont.

Fairmont Bessie Walker, 31027, at 2y. 2m. 22d; milk 332.4 lbs; fat 12.36 lbs., equal to 15.46 lbs. butter.

Fifteen day record at 2y. 2m. 22d; milk 794.5 lbs; fat 26.31 lbs. equal to 32.89 lbs. butter. Owner, Peter S. Arbogast, Mitchell, Ont.

Axie Colantha Ormsby, 32559, at 2y. 0m. 27d; milk 317.5 lbs; fat 12.28 lbs., equal to 15.36 lbs. butter. Owner, George Ruckle, Ingersoll, Ont.

Matilda Johanna Brook, 31991, at 2y. 1m. 23d; milk 301.6 lbs; fat 11.85 lbs., equal to 14.81 lbs. butter. Owner, Robt. Shellington, Hatchley Station, Ont.

Bessie Johanna Korndyke, 31987, at 2y. 0m. 21d; milk 317.7 lbs; fat 11.60 lbs., equal to 150 lbs butter Owner, Robt. Shellington, Hatchley Station, Ont.

Lottie Johanna Korndyke, 30656, at 1y. 11m. 30d; milk 311.9 lbs; fat 11.53 lbs., equal to 14.42 lbs. butter. Owner, John H. Shellington, Hatchley Station, Ont.

Riverside Pontiac Sarcastic, 31901, at 2y. 3m. 11d; milk 316.4 lbs; fat 11.27 lbs., equal to 14.09 lbs. butter. Owner, J. W. Richardson, Caledonia, Ont.

Echo Pontiac Maid, 40911, at 1y. 11m. 0d; milk 400.9 lbs; fat 11.25 lbs., equal to 14.07 lbs. butter. Owner, George D. Wright, Frankford, Ont.

Homewood Lady Fayne, 30830, at 2y. 1m. 27d; milk 350.3 lbs; fat 10.79 lbs. equal to 1349. lbs. butter. Owners, Haley Bros., Springford, Ont.

Princess Mollie DeKol Teake, 32777, at 2y. 0m. 23d; milk 286.9 lbs; fat 10.30 lbs., equal to 12.88 lbs. butter.

Fourteen day record at 2y. 0m. 23d; milk 563.0 lbs; fat 20.07 lbs., equal to 25.09 lbs. butter. Owner, Isaac Holland, Brownsville, Ont.

Emily Grant Korndyke, 31988, at 2y. 1m. 1d; milk 258.5 lbs; fat 10.27 lbs., equal to 12.85 lbs. butter. Owner, Robt. Shellington, Hatchley Station, Ont.

Homewood Butter Baroness, 35291, at 1y. 10m. 10d; milk 272.6 lbs; fat 9.40 lbs., equal to 11.65 lbs. butter. Owner, M. L. Haley, Springford, Ont.

Vina Korndyke Dekol, 30654, at 2y. 0m. 21d; milk 253.6 lbs; fat 9.08 lbs., equal to 11.35 lbs. butter. Owner, John H. Shellington, Hatchley Station, Ont.

Susan Rag Apple Korndyke, 27081, at 2y. 0m. 28d; milk 271.2 lbs; fat 9.01 lbs., equal to 11.27 lbs. butter. Owner, C. R. Dyke, Unionville, Ont.

Agassiz Pietje Korndyke, 26407, sixty day record at 2y. 4m. 5d; milk 3221.3 lbs; fat 110.04 lbs., equal to 137.55 lbs. butter. Owner, Director Experimental Farms, Agassiz, B. C.

During the first half of April the records of seventy-seven cows and heifers were received and accepted for entry in the Record of Merit. In the class for mature cows, Lakeview Rattler establishes a new Canadian record for her age with 37.54 lbs. butter from 724 lbs. milk. Rosaline with 30.78 lbs. is another addition to the 50-lb. class, while Lakeview Queen comes third with 28.20 lbs. In the senior-four-year-old class, Plus Artis leads with 31.55 lbs. She is, I believe, the only cow to make over 20,000 lbs. milk in a year in the record of Performance test and then exceed 30 lbs. butter in seven days at next freshening. Echo Pauline Sylvia comes first in the junior-four-year-old class with 21.69 lbs. In the senior three-year-old class, Helena Sylvia Posch is highest with 34.14 lbs. while Riverside Korndyke Toitilla is best junior with 23.03 lbs. The leading senior two-year old is Daisy May Lassie with 16.47 lbs. and the leading junior Tinie Butter Girl Johanna with 18.53 lbs.

W. A. CLEMONS, Secretary.

MARBLE VALLEY STOCK FARM—Home of

KING SEGIS PONTIAC ALCARTRA LAD, No. 166569—The bull whose breeding and individuality is "A Little Bit Better Than Really Seems Necessary." Sire, King Segis Pontiac Alcartra, the noted $50,000 bull. Dam, Meta Hengerveld, 30.15 lbs., one of the nine 30-lb. daughters of Hengerveld De Kol. For pedigree and picture write

ROBT. F. MEAD West Rutland, Vt.

FOR SALE

A few bull calves from one month to eight months old, with dams from medium to high records and sired by Maplecrest Korndyke Hengerveld, the only bull of any breed, except his full brother, who has a dam, grandam and great grandam with records of better than 30 lbs. in seven days, and a dam and grandam each with records of better than 1200 lbs. of butter in a year.

I have no extravagant prices on these youngsters. I want them in herds where they will have an opportunity to reflect credit on their sire, who I expect to make famous through his daughters, all of which I am retaining and already have a large number.

D. D. AITKEN - - - - FLINT, MICHIGAN

HAMILTON BREEDERS

KING PONTIAC CANARY WALKER'S

Heifer calves will not be sold. The only way to get one is to buy a nice heifer bred to him, and there are but a few for sale.

J. GRANT MORSE
HAMILTON, N. Y.
Laurel Farm

SUNNY SLOPE HERD, headed by Sir Witkop De Kol Korndyke, No. 111142, average for dam and sire's dam 31.34 lbs. Grandson of Pontiac Lady Korndyke.

J. C. MORRIS Hamilton, N. Y.

For Quick Sale

A few choice young bull calves from a grandson of Hengerveld DeKol and from tested dams. Prices $50 to $75.

Chenango Farms Hamilton, N. Y.

SUBJECT TO YOUR APPROVAL

we will ship you this young bull. He was born April 12, 1915. He is largely white and handsomely marked. Straight top line, well grown and in good condition.

His sire is Sir Korndyke Queen, 26 A. R. O. daughters. His dam is Mechthilde Segis De Kol Fayne No. 213968.

Butter 7 days 21.26 Milk 7 days 380.20
Butter 30 days 88.00 Milk 30 days 1788.4
Per cent Ft.....3.94

Those records were made at just 2 years of age. This heifer has a 30-lb. dam and is a granddaughter of King Fayne Segis.

Write today for pedigree and price.

BURR BROS. Wauseon, Ohio

WYOMING

"MILE HIGH" HOLSTEINS

Bull calves out of half sisters to "Finderne Pride Johanna Rue" and sired by a bul whose dam has 75 per cent same blood as the sire of "Duchess Skylark Ormsby." Here is a chance for world's record blood at bargain prices.

SHOSHONE STOCK FARM, Cody, Wyo.

TWIN BROOK HERD

Now offers a beautiful evenly marked Bull Calf, born October 22d, 1915. Sire, King Korndyke Reba Veeman No. 116541, his two nearest dams average 34.32 lbs. butter in 7 days. Dam, Twin Brook Bess No. 237043, A. R. O. at 2 yrs. 14 days, 14.625 lbs. butter, 370.5 lbs. milk in 7 days.

W. B. DEVANEY
BERWYN, PA.

SIR WALTER RALEIGH

SEED POTATOES

have averaged over 200 bushels per acre for the past 12 years. $1.50 per bushel F. O. B.

HAROLD F. HUBBS Kirkville, N. Y

Holsteins Worth While

HERD BULLS

Segis Johanna Walker, son of King Walker and a daughter of King Segis, **Jenningshurst Korndyke Johanna,** son of Korndyke Abbekerk and a daughter of Johanna Rue 3d's Lad.

KING MASSASOIT

Son of King of the Pontiacs and a daughter of King Fayne Segis. **Walker Pietertje Segis Fayne,** son of King Walker Segis and a daughter of King Fayne Segis

Combined

with females of all the best families. If you are interested in Holsteins, let us hear from you.

Crystal Spring Farm
G. SMITH & SONS, Inc.
Seeleyville, Pa.

Knob Hill Farm
W. B. CLARK
Honesdale, Pa.

37.44 **154.39**

King Pontiac Koningen

No. 75348, Heads Our Herd

The only son of King of the Pontiacs in the world from a 37.44 lb. dam that made 154.39 lbs. butter for 30 days and milked over 100 lbs. per day. He is individually as good as his breeding and weighs 2400 lbs. His calves are large and perfect individuals. He has over 50 daughters already and about 70 cows bred to him. His first daughters will soon freshen as two-year-olds and are as fine a lot of two-year-olds as any one ever saw—they weigh 1000 lbs. and over at two years of age. They will all be tested. His son that we advertised last week is sold—the only bull we had left. These sons go faster than we can get them.

ED. KUNTZMAN, Homeworth, O.

INWOOD HERD

N. B. We will book a few more high record cows to be bred to him at $100 each to insure. Send for pedigree and photo.

BULL CALVES THAT ARE DIFFERENT

About 12 Left From Last Fall's Crop.

Breeding—Sired by Hengerveld Ormsby and Woodcrest Knight and out of dams with creditable A. R. O. records.

Individuality—Each one an excellent calf.

Price—One that will sell them.

Write to

D. O. HASTINGS **Wilmington, Delaware**

Grandson of King of the Pontiacs

My stable-mates are going to their new homes very fast. I expect to go soon. My dam has a 26.80 lb. seven day and 102.51 thirty day record. My price is $150. Write and find out more about me.

H. PERKINS & SON **Red Creek, N. Y.**

Recent California Sale

(Continued from page 1072)

an average of $242.25 apiece, which is a very good average considering the number of poorly bred outside bulls that were sold in the middle of the day from $70 up to $190 which flooded the market with a lot of cheap bulls that almost one wanted at last. The practice of consigning a large number of bulls to a public sale is a very bad feature in many auctions for it drags down the average of the sale considerably and helps to prolong the sale beyond a reasonable length of time. The cows in general, were a very nice bunch of individuals and showed good dairy quality also there were several blemished animals sold. The highest price of the sale was brought by Beauty Snowflake of Sunnyside who had just finished a record of 27.88 lbs. butter from 549.00 lbs. of milk in seven days. She was a five year old cow consigned by the Edgemont Holstein Farm of Burbank, California, and altho she had no breeding behind her, she was such a handsome cow that it looked as though she would bring over $1,000 when some enthusiastic Holstein man jumped up and interrupted the auctioneer and it was then impossible to raise the bid to over $825.

The highest price received for a bull was $500 for King Spring Farm Pontiac. His sire is Spring Farm King Pontiac 6th, who contains 87 1-2 of the same blood as K. P. Pontiac Lass the first 44 lb. cow and his dam is an untested granddaughter of De Kol 2d's Butter Boy 3d. Few bulls have ever sold as high at public sale with as little breeding on the dam's side.

Two granddaughters of Tilly Alcarta the world's champion milk producer were bought by A. W. Morris & Sons for $400 each. Following is the list of animals and the price paid *for each* together with the buyers:

Name	Buyer	Location	Amt.
Strafford Bakker De Kol	W. L. Hodges,	Los Angeles	$225.00
Hillview Cornucopia Johanna	L. D. Van Blaricorn,	El Monte	350.00
Locust Terraer Goldie	W. L. Hodges,	Los Angeles	535.00
Mollie De Kol Paul	R. L. Jennison,	Downey	425.00
Mollie De Kol Paul	W. L. Griffiths,	Los Angeles	335.00
Nellie De Kol Pet 2nd	P. J. Weisel,	Anaheim	575.00
Pennant Cornucopia Johanna	W. L. Hodges,	Los Angeles	365.00
Beauty Snowflake of Sunnyside	W. L. Hodges,	Los Angeles	825.00
Lydia Oak Segis	J. C. Fredericks,	Clearwater	235.00
Marion Idlewild De Kol	P. H. Jarrett,	Long Beach	150.00
Bertha Abbekerk De Kol	W. I. Hodges,	Los Angeles	360.00
Edgemont De Kol Segis	Chas. Johnson,	Hynes	175.00
Edgemont Gelsche Johanna	A. W. Morris & Son,	Woodland	250.00
Sir Prince Gelsche Walker	Fred Anderson,	Los Angeles	260.00
Edgemont Gelsche De Kol	A. W. Morris & Son,	Woodland	470.00
Edgemont Cornucopia Korndyke	A. W. Morris & Son,	Woodland	225.00
Feniale	T. J. Gilkerson,	Stratford	325.00
Edgemont Grace Segis	T. C. Gillett,	Norwalk	250.00
Cara Mia De Kol Kerra 3rd	M. L. Carter,	Los Angeles	360.00
Adralla 2nd	Jarrett,	Long Beach	350.00
Johanna Segis Dorinda	P. H. Jarrett,	Long Beach	310.00
Adralla	T. C. Gillett,	Norwalk	100.00
Dorothy Rowena 2nd	W. L. Griffiths,	Los Angeles	300.00
Arfidgara 2nd	P. H. Jarrett,	Long Beach	180.00
Susana De Kol	W. L. Hodges,	Los Angeles	310.00
Maid Zozo Clothilde De Kol	W. L. Hodges,	Los Angeles	235.00
Stratford Segis Delmar	W. L. Griffiths,	Los Angeles	350.00
Tolia	W. L. Hodges,	Los Angeles	400.00
Dorothy Rowena 3rd	P. H. Jarrett,	Long Beach	355.00
Filara	P. H. Jarrett,	Long Beach	200.00
Aralia Alviso De Kol	W. L. Hodges,	Los Angeles	400.00
1 cow	J. C. Fredericks,	Clearwater	260.00
King Rivera Juliana	J. L. Hickson,	San Fernando	70.00

Prince Walker Yoshida, J. S. Stierli, Norwalk	105.00
Lockhaven Hengerveld Josephine, C. C. Venable, Artesia	200.00
Lockhaven Cornucopia Segis, L. B. Van Blaricon, El Monte	200.00
Lockhaven Magbelli Segis, J. F. Atkinson, Los Angeles	200.00
Mutual De Vries De Kol, W. L. Hodges, Los Angeles	250.00
Lockhaven Segis Parthena, R. Nadeau, Florence	200.00
Lockhaven Colantha Hengerveld, A. Saterburg, San Jacinto	205.00
Paul Counters De Kol 2nd, J. F. Atkinson, Los Angeles	190.00
Aaggie of Riverside, McCallister & Son, Chino	310.00
De Kol Johanna Pontiac Segis, C. W. Johnson, Artesia	200.00
Miss Alcartra Aaggie, A. W. Morris & Son, Woodland	400.00
Miss Alcartra Segis, A. W. Morris & Son, Woodland	400.00
Alcartra Wayne Cornucopia, C. W. Johnson Artesia	95.00
Alcartra Korndyke De Kol, C. W. Johnson, Artesia	65.00
Sir Korndyke Alcartra, Thos. Katsma, Comton	100 00
De Kol Ormsby Pontiac, J. C. Fredericks, Clearwater	125.00
Sir Skylark Ormsby Heng. Pet, Ernest Otto McClure, Modesto	360.00
Daphvie Aaggie De Kol, J. C. Fredericks, Clearwater	185.00
Pauline Countess Netherland De Kol, C. C. Venable, Artesia	200.00
Keleo Marha DeVries..... McCalister & Son Chino	335.00
Lockhaven Pauline Segis, D. Wiechmann, Corcoran	260.00
Lockhaven Segis Violeta,	
Lockhaven Beancoup Pietertje, P. H. Jarrett, Long Beach	200.00
Gerben DeVries 2nd, P. Potter	100.00
Perfection Pietertje Walker, L. B. Van Blaricon, El Monte	265.00
De Kol, Hengerveld Segis Lass, R. Nadeau, Florence	140.00
Pauline De Kol Hengerveld, C. W. Johnson, Artesia	145.00
Hengerveld Segis Lass(Twin), C. W. Johnson, Artesia	190.00
Hengerveld Segis Queen (Twin), C. W. Johnson, Artesia	190.00
De Kol Hartog Pontiac Lass, P. H. Krick, Anaheim,	350.00
Korndyke Hengerveld Pontiac Jewell, Valyernio Ranch Co., Valyernio	200.00
De Kol Colanthus Pontiac, A. Satterburg, San Jacinto	205.00
Mary Hartog Pontiac, M. L. Carter, Los Angeles	310.00
Hartog Pontiac Lass, T. C. Gillett, Norwalk	200.00
Ormsby DeKol Pontiac Pet. W. L. Griffiths, Los Angeles	340.00
Primrose Beechwood, W. L. Hodges, Los Angeles	150.00
Gerben Segis Shadybrook, R. Nadeau, Florence	165.00
Shadybrook Gerben Pert. Parthenia, C. C. Venable, Artesia	200.00
Oaklane Rector Mercedes, W. L. Hodges, Los Angeles	300.00
Lockhaven Maybelle De Kol, P. H. Jarrett, Long Beach	250.00
Grace Aaggie Pietertje, W. L. Griffiths, Los Angeles	200.00
Geanga De Kol Pauline, J. C. Fredericks, Clearwater	180.0
Union Karen Segis, W. L. Hodges, Los Angeles	205.00
Nemea Aaggie of Windsor, W. L. Hodges, Los Angeles	195.00
Dora Karen Pontiac, W. L. Hodges, Los Angeles	225.00
Lockhaven Alcartra Spofford, W. L. Hodges, Los Angeles	245.00
Lockhaven Creamelle Gerben, R. L. Jennison, Downey	240.00
Lockhaven Segis Korndyke Pet, M. L. Carter, Los Angeles	200.00
Lady Korndyke Pet, M. L. Carter, Los Angeles	250.00
B. King Spring Farm Pontiac, D. McGrath Est., Oxnard	500.00
1 Bull Calf, M. Del Georgia, Buena Park	160.00
1 Cow, R. Nadeau, Florence	70.00
1 Bull Calf, T. C. Gillett, Norwalk	250.00
1 Bull Calf, R. R. Agee, Sante Fe Springs	75.00
1 Cow, J. C. Fredericks, Clearwater	155.00
Stratford Del Mar De Kol, L. H Jarrett, Long Beach	300.00
1 Cow, W. L. Hodges, Los Angeles	200.00
1 Cow, C. W. Johnson, Artesia	100.00
1 Bull, James Leonard, Oxnard McGrath Est.	100.00
1 Bull, W. L. Griffiths, Los Angeles	190.00
1 Bull, P. H. Jarrett, Long Beach	140.00
1 Bull, Geo. Tweedy, Rivera	70.00
1 Bull, U. R. Agee, Sante Fe Springs	110.00
1 Bull, F. Kuhn, El Monte	90.00
1 Cow, M. L. Carter, Los Angeles	235.00
1 Bull Calf and 1 Heifer Calf, P. H. Krick, Anaheim	145.00
1 Cow, W. L. Hodges, Los Angeles	170.00
	$24,225.00

ATTENTION PLEASE

RIVERSIDE STOCK FARM is now ready to sell another bull and a 30 pounder, too. His name is

KORNDYKE PONTIAC CORNUCOPIA 6TH, No. 146017

His sire is by Pontiac Korndyke and from a 29-lb. daughter of Pontiac Korndyke, and is full brother to Pontiac Lady Korndyke with 38 lbs. butter in 7 days.

His dam is Lily Grace Cornucopia, No. 123441.

A. R. O. record, Butter 30.03 lbs. Milk 718.2 lbs. in 7 days at 5 yrs.
Butter 29.06 lbs. Milk 685.2 lbs. in 7 days at 4 yrs.
Butter 22.59 lbs. Milk 628.0 lbs. in 7 days at 3 yrs.
Butter 21.81 lbs. Milk 476.0 lbs. in 7 days at 2 yrs.
Average Butter 25.87 lbs. Milk 623.85 lbs. in 7 days.
Average Milk for 1 day 93.1 lbs.

She is a daughter of Aaggie Cornucopia Johanna Lad, No. 32554, who has 100 A. R. O. daughters, more of which over 600 lbs. of milk in 7 days than any other sire except one. Korndyke Pontiac Cornucopia 6th was born April 26, 1914. He is a large, well-grown bull and a great individual. He has been used on a few cows and we know him to be a sure stock getter and to be ready for heavy service. We are offering him at the low price of $500.

Please send for description and pedigree, or, better still, come and see him.

A. W. BROWN & SONS

WEST WINFIELD - - - - - - - - - - - NEW YORK

What are you kicking about

you men who think you do not get proper value for your stock?

To sell an article for what it is worth you must convince your customer that the value is there. In no way can you better impress your customer with the great blood lines represented in your animals than by showing pedigrees compiled from our vast system of records. We set forth only facts and in a clear, concise, readable manner, and the information given is obtained from the greatest system of records in existence for this line of work.

"The best is cheapest in the end."

Write at once before you lose another sale for the want of pedigrees.

All kinds of office forms.

Sales Management that Satisfies

Liverpool Sale & Pedigree Co., Inc.

Liverpool, N. Y.

NORTH STAR HERD

offers a bull calf sired by Johanna Bonheur Champion and out of a dam with a record of 29.58 lbs. in 7 days and 123.25 lbs. in 30 days. Calf is a splendid individual and he is a credit to this herd, which is noted for three things,

INDIVIDUALITY PRODUCTION BREEDING

If you are interested in getting a good calf quickly write at once.

W. S. MOSCRIP - - - - - - - - Lake Elmo, Minnesota

Decoration Day Dispersion Sale

May 29 and 30, 1916. Sale Pavilion, Algonquin, Ill. On account of my work keeping me on the road nearly all the time I have decided to sell the animals of my herd that are straight and right and of a salable age. This will mean the

Best Bred and Best Individual

lot of Holsteins ever dispersed from one herd. **Sons** and **Daughters** of the **Breed's Greatest Sires** of

Yesterday, Today and Tomorrow

Herd is Federal Inspected and will be Federal tuberculin tested. Watch this space and write for information.

R. E. HAEGER

Algonquin *Illinois*

SONS OF A GREAT HERD SIRE

UNEEDA KORNDYKE ABIGAIL BOY 102287

He is a son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb. bull, Johanna McKinley Segis, son of King Segis.

Offer No. 1—Bull born in June from a 24½-lb. cow.

Offer No. 2—Bull born in March from a 20-lb. cow.

Also a number of younger cows.

HENRY ANTHES **JEFFERSON, WIS.**

Heart's Content Farm

JUST out of the thriving village of Frankfort to the north lies the Heart's Content Farm. The surrounding territory is known as Dutch Town and it is well that one of the young and enthusiastic farmers, W. G. Sterling, should turn his attention to the breeding of high quality Holstein-Friesians. Mr. Sterling is frequently seen at sales and when he makes a venture he pays good money and buys some real good ones.

One of his initial purchases was a daughter of the King of the Pontiacs. At this time she was in calf, to "It" and dropped a bull calf which he has grown up into a service bull two years of age. This sire he named it K. P. S. Queen from sire and dam. His mother made the good record of 533.9 lbs. milk, 23.175 lbs. of butter. Mr. Sterling confidently believes he will materially increase this record. From the individuality of this daughter of the King of the Pontiacs we think the same. This herd sire at just about two years of age will weigh 1500-1600 and he is a straight, nice level rumped and back fellow. He, too, has a nice capacious barrel. He will make Mr. Sterling a good herd sire. An aged cow that attracted our attention from her roomy, openess and general dairy contour was Blanche De Kol Queen with a 27 lb. record. Mr. Sterling could not give us off hand the exact amount of milk.

We think the milk is more essential than the amount of butter and fully believe that every Holstein Breeder should know the amount of milk that the animal gave as well as the butter. Our wonderful breed has been developed for over two thousand years, most of this time in that most luxuriant grassy country of Holland and the incentive was forced upon them to give a large quantity of milk. Let the butter fat take care of itself. Doesn't the great butter fat record of Ormsby Jane Segis Aaggie mean more to us and our breed from the fact that she yielded a large flow of milk?

Another animal that we liked was Nathalie Pauline Posch 2nd. She gave 609 lbs. milk, yielding 21.7 of butter at four years of age. She was a fine low down cow. There were 20-lb. two year olds and a few good youngsters. Mr. Sterling's herd is small in numbers, but choice in quality. We should mention in particular a daughter King Korndyke Hengerveld Ormsby. the premier herd sire at the head of the Oneida Community Herd. This heifer, just about ayear of age was a very toppy thing from every point of view. She was very nicely marked, even in color and would rank high in a ring of quality Holsteins. Mr. Sterling said she had another thirty pound sister by the same sire. Mrs. Sterling takes a deep interest in their growing herd and is of material assistance to Mr Sterling. We hope that Heart's Content Farm will prosper and that other dairy farmers of Dutch Town will take up the breeding of Holstein-Friesian to their material profit.

Harry M. Knox.

BULL CALF Born June 1, 1915

Sire—Premier Pontiac, son of Pontiac Korndyke and Sadie Pontiac Korndyke at 4½ years 102.4 lb. milk one day, 687 lb. milk and 29.56 lb. butter in 7 days. **Dam**—Pansy Payne 23.36 lb., her dam, Netherland Pansy Korndyke 38.44 lb. **The calf is a good one and is priced to sell.** Write at once.

F. H. THOMSON & SON **Fairview Farms** **HOLLAND PATENT, N. Y.**

WHO PUT THE QUALITY IN ORMSBYS?

HE SURELY DID A GOOD JOB. SEE THE LIST

SOME ORMSBYS

Duchess Skylark Ormsby
World's records for all periods from 90 days to 1 year.

Ormsby Jane Segis Aaggie
World's record for seven and 30 days.

Sadie Vale Concordia 4th
World's record four-year-old. (Sire, Duchess Ormsby Piebe Burke.)

Pietertje Maid Ormsby
World's record cow.

Bloomingdale Hengerveld Ormsby
World's record three-year-old.

Bess Pietertje Ormsby Mercedes
World's record three-year-old, both in milk and butter-fat.

Insen Piebe Mercedes
World's record 2-year-old. (Sire, Sir Pietertje Ormsby Mercedes.)

HENGERVELD DEKOL AND PONTIAC KORNDYKE COMBINATION

King of the Pontiacs
World record daughters

King Segis Pontiac Alcartra
World's record price.

K. P. Pontiac Lass
World's record.

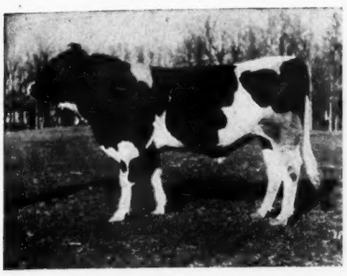
Pontiac Aaggie Korndyke
World's record for 30-lb. daughters.

Pontiac Lady De Kol
World's record.

Pontiac Pet
World's record.

Pontiac Clothilde De Kol 2d
World's record.

Sir Korndyke Hengerveld De Kol
World's record combination.



Sir Ormsby Hengerveld Korndyke

162078. Owned by **John B. Irwin** and **E. C. Schroeder**

His full brother, Sir Hengerveld Korndyke Ormsby, now in use in our herd.

HERE IS THE COMBINATION ILLUSTRATED

FOR SALE

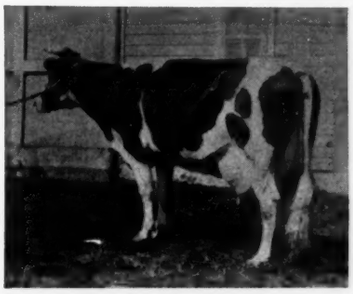
"SIR HENGERVELD KORNDYKE ORMSBY"

TWO - YEAR - OLD

Since we retain half interest in Sir Ormsby Banostine Champion, he will remain at our farms for one year. What would such a combination be worth in your herd?

About five times what we will ask you for him.

These full brothers are alike in Type, Style, Color and Finish.



Miss Korndyke Maid Ormsby 137794
7 day record: Butter, 30.86 lb.
Milk, 582.30 lbs.; fat, 4.237 per cent.
30 day record: Butter, 127.99 lbs.
Milk, 2,354.3 lbs.; fat, 4.349 per cent.

Wood Lake Herd **JOHN B. IRWIN** **Minneapolis, Minn.**

Moyerdale Herd Sire KING LYONS No. 71155

The first sire of the breed that has six 20-lb. 2-year-old daughters with first calf, at 4 years of age.
His sire is a son of Colantha Fourth Johanna 35.22 lb.
His grandsire is an own brother to Grace Fayne 2d Homestead 35.55 lbs.
The two first 35-lb. cows of the breed.
His dam is a 29-lb. daughter of King Segis.
His second and third dams are each 34-lb. cows.

KING JOH No. 143460, Junior Herd Sire

Sir King Segis Pontiac Alcartra, 76602, the $50,000 bull, a grandson of King Segis. Dam, a 33-lb. daughter of Johanna McKinley Segis, the $25,000 son of King Segis, and Johanna De Kol VanBeers, the 40-lb. $7,000 cow with butter records as follows:

Butter 7 days	40.07 lb.	Butter 30 days	151.39 lb.
Butter 60 days	288.45 lb.	Butter 90 days	416.74 lb.

King Joh retains the King Segis quality. He is a beautiful individual with all of the dairy qualities we like. He weighed 1200 lbs. at 12 months old.

His sire has five 20-lb. 2-year-old daughters at 4 years of age.

KING SEGIS No. 36168, Born 1903, Died in 1910

He has 86 officially tested daughters, 9 of this number with records over 30 to 35 lb. each.

Over 900 officially tested granddaughters, 17 of this number with records from 30 to 40 lb. each, or practically 1000 daughters and granddaughters and 26 of these daughters and granddaughters with records from 30 to 40 lb. each, including the world record 40-lb. 4-year-old and the first 30-lb. 2-yr.-old of the breed, a showing that is barely equalled by some of the older, great sires of the breed that have had 12 years of service to their credit. What would King Segis have had if he had 12 years of service to his credit?

King Segis was the first bull of the breed to have four 20-lb. 2-yr.-old daughters as a 4-year-old sire.

King Lyons is the first bull of the breed to have six 20-lb. 2-year-old daughters as a 4-year-old sire; he is a grandson of King Segis.

King Korndyke Sadie Vale is the second bull of the breed to have six 20-lb. 2-year-old daughters as a four-year-old sire. He is a grandson of King Segis.

King Segis Pontiac Alcartra is the third bull of the breed to have five 20-lb. 2-year-old daughters as a four-year-old sire. He is a grandson of King Segis.

A few choice bred bull calves with great individuality, beautifully marked, that have from 7 to 12 dams in their pedigree that average over 30 lb. each.

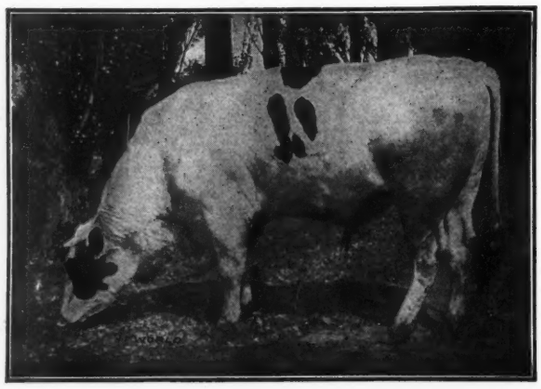
Prices and description mailed on application.

Remember that Moyerdale is the home of King Segis, the greatest sire of his generation by far of the black and white breed.

H. A. MOYER, Syracuse, N. Y. **JAMES GILLETT, Sup't.**

Why Finderne Pietertje Fayne Is the Greatest Bull in the World

He has SEVEN (7) SISTERS in the THREE-YEAR-OLD classes that average 34.31 lbs. in seven days.



One holds the World's two-year-old yearly record—22,150.70 lbs. milk, average 4.40 per cent fat.

Another the World's three-year-old records in every division. Yearly record—24,612.80 lbs. milk, average 4.53 per cent.

Another three-year-old sister—18,523.50 lbs. milk, average 4.74 per cent fat.

His dam at three years stands second only in the seven and 30-day classes—4.42 per cent fat.

Her sister held the World's yearly record at five years, and still holds it in some features—28,403.70 lbs. milk, average 4.14 per cent fat.

Sire's dam held the World's junior two-year-old record for seven days, 4.51 per cent fat; 30 days, 4.26 per cent fat.

Sire's sire's dam, World's record for seven days, 35.55 lbs., 5.42 per cent fat.

There are more World's records in his first four generations than any bull of the breed.

For great production of both milk and butter, with high per cent of fat, he has no equal.

His sons from big record dams for sale.

MUNROE COMPANY Route 1 SPOKANE, WASH.

A FEW REASONS WHY YOU SHOULD HAVE A SON OF

ADMIRAL WALKER PRILLY

AT THE HEAD OF YOUR HERD

First of all he is a faultless individual, weighs 2200 pounds, just in breeding condition, has extreme length, good depth, and a perfect top line, and transmits these qualities to all his offspring.

Second, his daughters, all 2 and 3 years old, are making good. His first five A. R. O. daughters having made a larger average than any bull's daughters that ever lived, for their age. The five averaged nearly 20 pounds in 7 days and three of them made over 20 pounds for 30 days, at an average of 2 years, 25 days.

Third, his dam, Lottie Walker Spofford, A. R. O. 32.50 at just 4 yrs. 6 mo., was at the time record was made the highest record cow of her age. She is now, with one exception, the only cow with four records above 30 lb., the only cow with five records above 29.40, and the only cow with six records above 25.55, the latter as a junior three-year-old. She was recently sold, at ten years old, with two others, one ten years old, the other 5 years old, for $10,000.00.

Fourth, his sire, Artis De Kol Walker, son of Beauty Pietertje, A. R. O. 30.50, she dam of Lillian Walker Pietertje, 30.01, and she dam of Ruby Walker Pietertje, 30.21, making one of only four series of three generations of 30-lb. cows.

Fifth, although he is but five years old, his sons are at the head of many good herds in thirteen different states

On his daughters we are using King Walker Pietertje Segis, one of the richest bred young bulls of the breed, whose thirteen **nearest** dams average 30.07 butter in 7 days, combining the blood of such sires as King of the Black and Whites, King Segis, King Colantha Clothilde, Admiral Walker, Colantha Johanna Lad, Beauty Pietertje Butter King, Admiral Walker Pietertje, Clothilde Goudgeld Hugo, and Sarcastic Lad.

Such breeding is bound to bring results.

THE STEPHENSON FARM

J. P. TORREY, Manager KENOSHA, WISCONSIN

BULL CALF WITH 44 lb. BACKING BORN MARCH 2, 1916

Son of Spring Farm Butter Boy, whose dam is Tweede De Kol Lass (34.39 lb., average per cent fat 5.10). She is dam of K. P. Pontiac Lass, the first 44-lb. cow. Dam, Plum De Kol Pledge Lass, who has a 23.86-lb. record, average per cent fat 3.799 at 4 years of age. She is a strong, vigorous animal, with prospects of a much better record. This bull calf is very vigorous and well marked. His dam and sire's dam average 29.12 lbs. butter. Pedigree and description on application. Price $150.00.

C. W. HEWITT & SON GOUVERNEUR, St. Lawrence County, N. Y.

JUDGED BY ALL STANDARDS

The Bulls heading the Beaver Dam Stock Farm Herd "are there".
They have the backing of long lines of high quality production.
They show already their ability to transmit wonderful producing qualities to their offspring.

OUR HERD BULLS ARE:

SIR PRILLY SEGIS is the senior sire at the farm—a likely son of King Segis out of Prilly Princess Julia De Kol. Of his sire we need say nothing, as King Segis, as we all know, is **one of the five only sires having nine 30-lb.** daughters, and seventeen 30-lb. granddaughters, including the present world's champion, Mabel Segis Korndyke 40.3 lbs.

This bull's dam, Prilly Princess Julia De Kol, 30.44 lbs. butter in seven days at 4½ years of age, has made splendid records at 4½ yrs. and 28 months. Her sire is the bull that produced a 32-lb. daughter and she it out of Prilly Princess, who has two 30-lb. daughters and one 29 and one 24-lb. daughter. Prilly Princess is one of the good daughters of the famous foundation cow Prilly. **The whole line on both of the dam and sire's side speaks high quality production.**

ORMSBY KORNDYKE LAD is Junior Herd Sire. His offspring show that they inherit the power to produce, and his daughters are starting off well in A. R. O. work. His two nearest dams average over 35 lbs. The sire is King Korndyke Hengerveld Ormsby, **whose sire unites the blood of Hengerveld De Kol and Pontiac Korndyke and whose dam is Pietertje Maid Ormsby,** a 35-lb. three-fourths sister to the sire of the new world's champion, **Duchess Skylark Ormsby.**

This bull's dam is Polly Posch, 34.61 lbs. at six years. **On two successive years she gave over 700 lbs. of milk and over 2876 lbs. in a month.** She is by one of the best sons of Alta Posch's Son, a noted transmitting sire.

KING OF THE ALCARTRAS, This young fellow is the $6,000 calf I bought of Mr. Arfmann of Fairmont Farms.

Beaver Dam Stock Farm offers for sale bull calves sired by Sir Prilly Segis and out of record dams at reasonable prices.

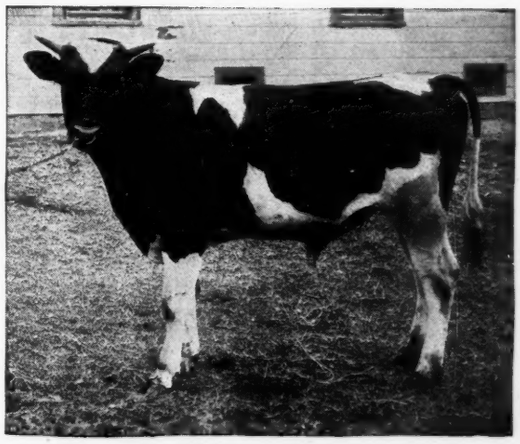
BEAVER DAM STOCK FARM

JULIUS SCHMID, Proprietor **MONTGOMERY, N. Y.**

COME TO MINNESOTA AND ARDEN FARMS

Home of King Segis Pontiac Count and the World's Champion Junior Two-year-old, Beauty Girl Pontiac Segis

King Watson Segis Star



Butter seven days 28.75 pounds, 30 days 116.478. How would you like to head your herd with her half brother?

The average yearly butter record of the dam and sire's dam of King Segis Pontiac Count surpasses any other sire in the world. The dam of this young bull is Star Watson Second, a 28-pound daughter of Sir Johanna Fayne. Write us for extended pedigrees and further particulars.

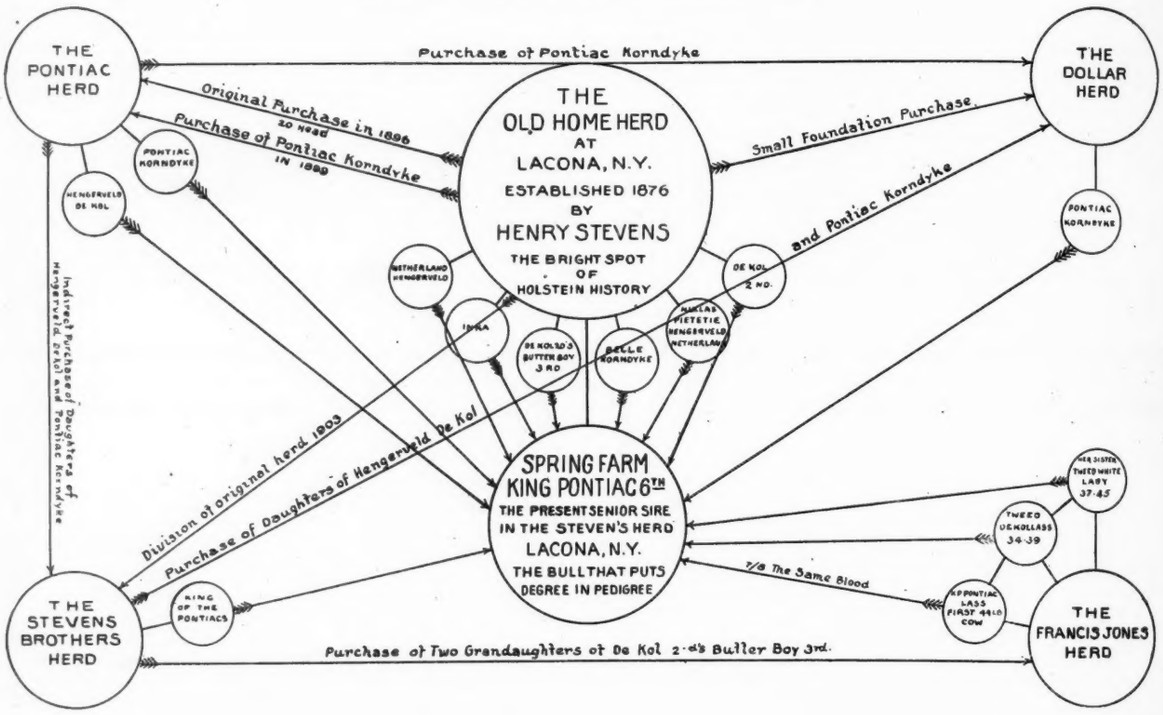
ARDEN FARMS, Inc.

SEN. J. M. HACKNEY, Owner Hackney Building, St. Paul, Minn.

SUCCESS

The Pontiac Herd, the Dollar Herd, the Stevens Brothers Herd, the Francis Jones Herd. Every student of Holstein History is willing to admit their success both in their breeding operations and in a financial way. Have you ever thought where this successful breed started and what were the bright spots in the history of these herds?

LOOK OVER THE DIAGRAM



All that is best of all of them is back home where they started from in

Spring Farm King Pontiac 6th

See where his blood lines come from. The diagram shows why he is the bull that put Degree in Pedigree. The thousand-dollar futurity sire. Service fee $200, approved cows. Good sons of his for sale. Write now.

Henry Stevens & Son

BROOKSIDE STOCK FARM **LACONA, NEW YORK**

Established 1876 175 Head